# Atlantic

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Sustainability Report 2013



#### Rationale

The philosophy of our sustainability programmes is to connect our functional role, as LNG producers and major contributors to the economy of Trinidad and Tobago, to a larger, more holistic effect within the country.

On the cover, the Atlantic quad forms the central image of the kite, which is held by one child of a triad. The silhouettes of the children are against a dawn sky, in postures of childish abandon, fun and energy. In the central motif is Atlantic's ambition to provide a hopeful and positive future for the communities in which its programmes are located. Also reflected are the many childrencentred initiatives. The Company acknowledges that any positive and far-reaching sustainability strategy must begin with the development and care of the smallest and most vulnerable among us.

## www.atlanticlng.com

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Gordon Deane

"Sustainability is about value – shared value – and that means we create competitive advantage in a way which also creates value for our stakeholders."

# Message from the Chairman

Sustainability is not just a catch-phrase at Atlantic. It lies at the very core of who we are as a company, and guides how we manage our business. Our position as a global LNG company presents us not only with opportunities, but also charges us with a responsibility to positively contribute to social and economic growth in Trinidad and Tobago.

Sustainability is about value – shared value – and that means we create competitive advantage in a way which also creates value for our stakeholders. By doing so we do not simply address the needs of our business, but we also look at ways to address the needs and challenges of the wider community, whether it is through employee and supplier development, social interventions for our nation's youth or the conservation of our environment. This approach stems from our belief that in order for us to be successful as a company over the long term, we must contribute to the success of others and in so doing, play our part in creating a positive legacy for the people of Trinidad and Tobago.

Gordon Deane Chairman





Nigel Darlow

"Atlantic performed exceptionally well in 2013 through the dedicated efforts of the Atlantic *One Team*"

# Report from the Chief Executive Officer

Over the last 15 years, Atlantic, together with Trinidad and Tobago, has built a global reputation as one of the world's safest and most reliable producers of LNG, and this is set to continue. Atlantic performed exceptionally well in 2013 through the dedicated efforts of the Atlantic "One Team" – the partnership between our employees and our service providers.

Here are some highlights of Atlantic's strong corporate performance and our key corporate responsibility initiatives that merit special mention.

#### Safety is Paramount

There is no aspect of our business more important than Safety. Our motto remains "We will do it safely, or we will not do it". This is a core value and one which we ensure applies to everything we do in both personal safety and process safety.

By the end of 2013, Atlantic had achieved over 23 million man-hours without a Lost Time Incident (LTI), equivalent to more than six (6) years of consistently safe operations. This is world-class performance.

Atlantic safely worked 4.2 million man-hours in 2013, which includes the hours worked on the Train 3 maintenance outage, the largest and most intense outage ever executed in Atlantic's history. This 28-day outage or turnaround (TAR) entailed 184 lifts of heavy equipment and 66 confined-space-entry activities, and at peak employed approximately 2,600 contractors. Over 605,000 man-hours were logged throughout the outage without a single recordable injury, and the TAR was delivered on time. Our employees and our service providers demonstrated not only their expertise in managing turnarounds of this scope and complexity but also their commitment to the highest standards of safety and performance.



Acid Gas Incinerators on Train 3

#### **High Reliability**

Another significant accomplishment in 2013 saw Atlantic achieve its highest-ever facility reliability of 98% – a figure which places Atlantic among the leaders in the LNG industry. This performance is all the more remarkable when one considers that Atlantic began operations over 15 years ago. Key to the success in managing an ageing facility is taking a very proactive and rigorous approach to maintenance and asset integrity.

#### **Investing for the Future**

We plan to make significant additional investments to upgrade the plant over the next few years to ensure that Atlantic remains a safe, reliable and globally respected LNG producer. In addition, we recognise that inherent with LNG production is the carbon footprint that it generates, and we acknowledge our responsibility to manage our impact on the environment. As a result, we continue to explore opportunities for energy efficiency and will pursue the implementation of practical solutions.

#### **Corporate Responsibility**

Atlantic's corporate responsibility continues to be underpinned by an ethos of strong and principled corporate governance, through such initiatives as our Code of Ethics and our Business Principles. These initiatives embody and reinforce our commitment to our Core Values of Safety, Performance, Respect, Integrity and Teamwork, which articulate who we are and what we stand for. Our values are at the heart of how we conduct our business and reflect our commitment to responsible operations.

Our corporate responsibility also includes our support for initiatives which focus on youth development through sports and education, skills training, entrepreneurial development, environmental advocacy and volunteerism. Working with our NGO partners, we remain committed to help build a sustainable future for our home community, Point Fortin, and for Trinidad and Tobago.

Among the accomplishments for 2013 was the implementation of the Atlantic Coaching Excellence (ACE) Programme. A component of our sponsorship of primary school cricket and football, ACE aims to facilitate international certification for all cricket and football coaches at the primary school level. The first phase of certification was completed successfully, with 150 cricket coaches and 150 football coaches undergoing training facilitated by Cricket Australia and the Trinidad and Tobago Football Association.

Throughout 2013, work continued in our Local Economic Development (LED) initiative with the Inter-American Development Bank (IDB), focused on establishing a framework for sustainable economic development in Trinidad's south-west peninsula. As part of the LED framework, initial work has begun for the start-up of a micro-financing agency called LEND (Loan for Enterprise and Network Development), which should come on stream by Q3 2014.

In our partnership with the Turtle Village Trust, work has also begun on developing a turtle hatchery and in securing Global Positioning System (GPS) geotags to be deployed in the annual turtle census. In coming years, these new initiatives will help to strengthen the conservation activities of the various turtle communities and the national effort to sustain the population of endangered leatherback turtles and their critical role in the marine ecosystem.





Atlantic will extend its support of turtle conservation through a hatchery programme for sea turtles in 2014

#### LNG Outlook

The LNG world is becoming even more dynamic and competitive. Many new sources of LNG supply are being developed (especially in Australia and the US) and will come on stream over the next few years. However, global demand for LNG is projected to continue to outpace supply, with global LNG prices forecast to remain strong well into the future. These new sources of LNG supply are being developed at much higher costs than Atlantic's four (4) Trains, meaning that Atlantic's LNG should always compete globally. In addition, the expansion of the Panama Canal will facilitate greater access to the Asian market and open new routes and opportunities for Trinidad and Tobago's LNG. With a committed and highly experienced team of people, Atlantic is well positioned to continue to be a successful and leading player in global LNG production.

While the outlook for Atlantic is very positive, for a variety of reasons gas supply to Atlantic has recently become more challenging. For Atlantic to continue to be successful on the world stage and for Trinidad and Tobago to remain an important country in the global LNG business, it is essential that Atlantic receives a high level of reliable gas supply. Provided this is secured, the future is very bright indeed for both Atlantic and Trinidad and Tobago.

Nigel Darlow Chief Executive Officer

## Overview



#### WHAT SUSTAINABILITY MEANS AT ATLANTIC

At Atlantic, we refer to corporate sustainability as our ability to develop our business in an economically, environmentally and socially responsible way, adding value to our stakeholders and contributing to a bright and viable future for Trinidad and Tobago.

We continuously strive to balance our role as a producer of Liquefied Natural Gas (LNG) and a significant contributor to the national economy, with a strategic focus on environmental conservation and social development. As a company, we leverage our talents, skills, experience and innovation to address the challenges which face our business in a rapidly evolving global industry, but we also channel our energies into empowering our employees and stakeholders to benefit from opportunities which foster human development and protection of our natural environment.

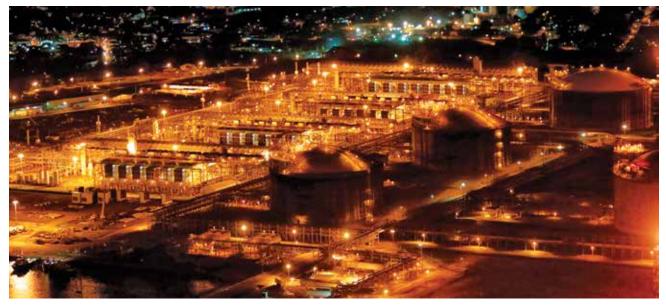
This approach to sustainability therefore underpins the way in which we conduct our business. We strive to achieve sustainable development within our sphere of influence by:

 Practising responsible environmental stewardship and minimising adverse impacts to the environment

- Promoting the advancement of the local community/national society by fostering capacity building, education, social progress and the creation of business opportunities
- Enabling our employees by investing in their potential and using their capacities as agents of change
- Strengthening our suppliers by setting high social, environmental and quality standards along the supply chain and developing their capacities
- Building strong partnerships with key stakeholders at the local, national and global level, in order to achieve common objectives for a better future.

As a global LNG company, Atlantic will be judged not only by how well we perform, but also by the extent to which we do so responsibly and sustainably. The value of the LNG we produce today allows us to create opportunities via which we can contribute to local economic growth, nurture the potential and innovation of our people, support positive, long-term socio-economic development of our communities and protect our environment for future generations. LNG enables us to create a pathway to a sustainable future for Trinidad and Tobago, thus building a legacy of which we can be proud.





Aerial view of the Facility at night

Atlantic LNG Company of Trinidad and Tobago ("Atlantic" or "Company") produces Liquefied Natural Gas (LNG) from natural gas fields delivered from fields in Trinidad and Tobago. Atlantic is the operator of a four-train liquefaction facility ("Facility"), located in Point Fortin, on the south-west coast of Trinidad. LNG is exported in LNG tankers from jetties located at the Facility.

Atlantic operates and manages four (4) LNG Trains. Each Train is ultimately owned by a holding company comprising different Member companies. On January 2, 2014 both Royal Dutch Shell plc ("Shell") and Repsol S.A. ("Repsol") issued press releases confirming the sale and transfer of Repsol's LNG assets in Peru and Trinidad and Tobago to Shell.

#### Train 1

Train 1 is owned by Atlantic LNG Company of Trinidad and Tobago, a locally incorporated company whose sole shareholder is Atlantic 1 Holdings LLC (A1 LLC). A1 LLC has five (5) Member companies, namely:

- BP (Barbados) Holding SRL (34%)
- BG Atlantic 1 Holdings Limited (26%)
- Shell LNG Port Spain BV (20%)
- NGC Trinidad and Tobago LNG Limited (10%)
- Summer Soca LNG Liquefaction S.A. (10%)

#### Trains 2/3

Trains 2 and 3 are owned by Atlantic LNG 2/3 Company of Trinidad and Tobago Unlimited, a locally incorporated company whose sole shareholder is Atlantic 2/3 Holdings LLC (A2/3 LLC). A2/3 LLC has three (3) Member companies, namely:

- BP Train 2/3 Holding SRL (42.5%)
- BG 2/3 Investments Limited (32.5%)
- Shell LNG Port Spain BV (25%)

#### Train 4

Train 4 is owned by Atlantic LNG 4 Company of Trinidad and Tobago Unlimited, a locally incorporated company whose sole shareholder is Atlantic 4 Holdings LLC (A4 LLC). A4 LLC has four (4) Member companies, namely:

- BP (Barbados) Holding SRL (37.78%)
- BG Atlantic 4 Holdings Limited (28.89%)
- Shell LNG Port Spain BV (22.22%)
- Trinidad and Tobago LNG Limited (11.11%)

The four Trains use the Phillips Optimised Cascade Process, which cools natural gas using refrigerants until it liquefies at atmospheric pressure. In the process, water and contaminants are removed. LNG (at approximately – 161°C) is stored on the Facility in cryogenic tanks. It is piped along one of two (2) 700-metre jetties to ships equipped with cryogenic tanks.

#### **ORGANISATIONAL PROFILE**



Atlantic employees on the Facility. The Company has over 700 employees.



Atlantic's Port of Spain office

Altogether, the Facility is capable of producing up to 100,000 cubic metres of LNG per day. LNG is shipped on LNG tankers to various destinations. In 2013, the majority of our cargoes went to South America, and Spain. In addition to LNG, the plant extracts natural gas liquids (NGLs) which are delivered to Phoenix Park Gas Processors Limited (located in Point Lisas, Trinidad).



Atlantic's office in Point Fortin

In addition to the Facility site, Atlantic has offices located in Point Fortin and Port of Spain. In 2013, our total employee base was 714 persons, which comprised 619 persons on a permanent basis and 95 employees on direct contracts (fixed-term, temporary, secondee, or trainee).



#### **GLOBAL LNG INDUSTRY - 2013**



Aerial view of Atlantic's loading arms which allow for the transfer of LNG to LNG vessels

#### At a Glance: Global LNG Industry - 2013

- 236.9 million tonnes imported
- 41% of global LNG imports supplied from the Middle East
- 75% of global LNG demand in Asia
- Three new importing countries total of 29 by year-end
- One new exporting country total of 17 by year-end
- 86 liquefaction plants in operation

The global LNG market remained tight in 2013, with higher gas demand in the Asia-Pacific region due to nuclear plant closures in Japan and Korea. This, coupled with the delay to ramp up production of new liquefaction facilities in Algeria and Angola, resulted in flat supply. Angola started exporting its first cargoes in mid-2013, bringing the total number of exporting countries at the end of the year to 17. While overall volumes of LNG remained flat between 2012-2013, demand continues to grow, particularly in Asia, where new and existing markets are increasingly turning to LNG as a means of meeting their energy needs. Demand in Japan - the single largest LNG market in the world - continued to grow in 2013, albeit at a slower rate than during the 2011-2012 period. The pace at which Japan will be able to resume nuclear power generation will possibly see Asian LNG demand being driven by other countries such as China. Ten (10) new regasification terminals began operation in 2013, including four (4) in China, which continues to show strong capacity growth. Three (3) new countries joined the list of LNG importers in 2013 - Israel, Singapore and Malaysia. This brought the number of importing countries worldwide to 29 at the end of the year.

With the increase in demand, coupled with the addition of little new supply, the LNG market will remain tight in 2014, as demand will continue to



#### Figure 1: LNG Markets: Atlantic Cargo Destinations for 2013 LNG Markets

outpace global supply. Some analysts believe that this trend will continue for longer than initially predicted. Despite the expansion of the industry on the supply side, with new plants soon to come online in Australia and the United States for example, this new supply will still unlikely be sufficient to meet the increasingly growing demand. Many analysts predict a doubling of demand by 2025.

While LNG traded volumes were stable in 2013, there was an emergence of new trade patterns. The emergence of new importers, a tight supply market and changes in demand across regions (for example, weakened demand in Europe) have seen LNG volumes being redirected towards more premium markets. Latin America for example continues to grow as an LNG destination with the premium prices offered by countries like Brazil and Argentina increasing the region's attractiveness as an LNG destination. South America has become an important market for Atlantic over the past couple of years, with Argentina being the largest destination for Atlantic's cargoes in 2013.

Latin America 47% North America 13% Caribbean 15% Far East 10%

Figure 2: LNG Markets:

Atlantic Total Volume Shipped by Market - 2013

With shale gas developments, LNG import needs in North America have been reduced and the US is set to become the world's third largest LNG exporter by the end of the decade. This development has led Atlantic to send only about 15% of our cargoes to the US in 2013, as opposed to approximately 80% in 2008 and 2009.

(Sources: The LNG Industry in 2013 - International Group of Liquefied Natural Gas Importers; World LNG Report (2014 Edition) - International Gas Union)



### **ABOUT THIS REPORT**



This is the tenth Sustainability Report published by Atlantic. We use this publication to record our achievements against our Sustainability Action Plan. It includes achievements against plan for the year January 1 – December 31, 2013 and uses the guidelines of the Global Reporting Initiative (GRI).

As in previous years, this report covers the objectives and activities of the Company's operation of the four (4) LNG processing trains in Point Fortin. Atlantic's business is exclusively that of a processor of natural gas and does not include exploration, distribution or shipping. This report therefore does not cover the performance of the suppliers of natural gas, nor the customers who take LNG, nor the activities of natural gas exploration, pipeline delivery, shipping or distribution to markets.

This is a report of the Company's performance against our declared strategies and targets identified for 2013. This is not a statement of the Company's financial performance.

#### **Reporting Standards**

This report was produced in accordance with the Global Reporting Initiative (GRI) G4 Reporting Principles and Standard Disclosures to a "Core" level, and the G4 sector disclosures for Oil and Gas.

The indicators of the report against GRI form an index at the back of the publication.

#### **Our Approach**

Our report seeks to engage a wide stakeholder audience on our performance, and transparency in our reporting creates avenues via which we can monitor and manage our impact. In order for this to be meaningful, we report on key or material issues which have a significant impact on our ability to create or preserve economic, social or environmental value for the business, our stakeholders, our environment and the wider society.

#### **Material Issues**

We develop our reporting around the issues which are of importance to our business and which also impact or have the potential to impact our stakeholders. By understanding these material issues, we are better positioned to manage our impacts and relationships with our stakeholders.

As part of our assessment, we analysed issues gleaned through a variety of inputs. Firstly, we gathered information for review from internal sources, such as our corporate strategy, our corporate performance contract, and our risk management process. We also reviewed the material issues identified by the Member companies of the shareholder. We then identified issues of concern for stakeholders, both external and internal sources, arising out of engagement and feedback mechanisms such as our Employee Satisfaction Survey and our annual stakeholder focus group sessions on reviewing our Sustainability Report.

Based on the issues determined during the assessment, a materiality matrix was developed to map issues based on frequency of stakeholder feedback and management review.

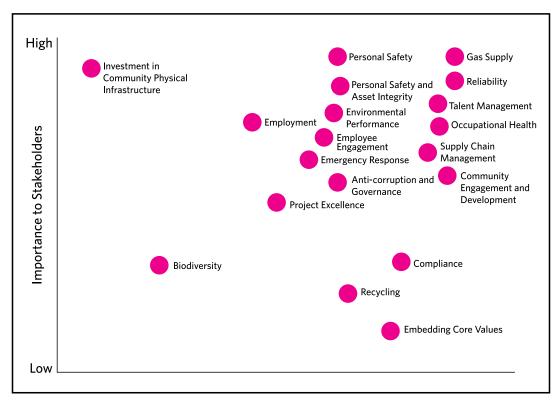


Figure 3: Materiality Matrix

Issues such as gas supply and reliability of our assets are material to Atlantic and have far-reaching impact on a macro-economic level, as both impact our ability to operate.

Personal and process safety, occupational health, emergency response and environmental performance are important to Atlantic and stakeholders, such as the Government, regulators, employees, contractors and the community, specifically Point Fortin, as management of these issues aims to mitigate risk to people and the environment. Our approach to sustainability also includes developing the capabilities of our people, whether it is through employee development programmes, supply chain development or social development programmes in Point Fortin and the wider national society, and these issues are important to us and to those stakeholders.

Based on the issues mapped in the matrix above, this report will focus on those issues which are most relevant to our stakeholders and to our business. We have grouped these issues under broad sustainability themes and using the GRI G4 guidelines, have identified the relevant aspects on which to report.

#### **Table 1: Reporting Aspects**

Governance and Ethical Conduct	Ethics and Integrity Grievance Mechanisms Anti-corruption Compliance
Health, Safety, Security and the Environment	Occupational Health and Safety Asset Integrity and Process Safety Emissions Effluents and Waste Emergency Preparedness
People	Employment Training and Education
Supply Chain Management	Procurement Practices Supplier Environmental Assessment
Community Development	Local Communities





We incorporate stakeholder feedback in our reporting

#### **Publication of the Report**

The report is available as an electronic document on the Atlantic website at **www.atlanticIng.com**, or on CD by request. A limited number of copies are printed, and are also available by request.

#### Assessments and Feedback

All management processes in Atlantic include a system that seeks feedback and incorporates stakeholder views and comments into a continuous improvement cycle. Each Sustainability Report is distributed to a wide cross-section of stakeholders. Formal focus group sessions are held to ensure the report has been read and has been understood. The comments are collated and serve to inform the successive report.

If you would like to provide additional feedback on this Report, you may contact us at: **media@atlanticIng.com** 

#### Feedback on Atlantic's 2012 Sustainability Report

Review of the 2012 Sustainability Report with focus groups provided suggestions for improvement which have been considered and as far as possible, applied during the production of this report. Suggestions included:

- Inclusion of the Company's vision statement
- Revision of the definition of 'sustainability' to not include the word 'sustainable'
- The inclusion of a case study on a community programme
- More information around Atlantic's support of turtle conservation

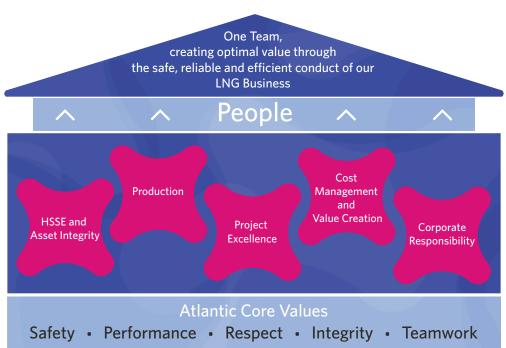
#### **Assurance Statement**

Atlantic engages an independent professional to provide assurance on each Sustainability Report. In 2013, CSR Solutions Limited, a Trinidad and Tobago firm was engaged to provide assurance on the 2012 report, and included the following in its conclusions:

"...Atlantic demonstrated their commitments and achievements during the period under review and provided detailed information on programmes and activities. The organisation continues to place sustainability issues at the forefront and puts noticeable effort into embedding this thinking, while conducting business. There is still, however, the need for individual sustainability accomplishments to be integrated and reported within the context of broader sustainability concerns relevant to the organisation and/or industry."

## Management Approach

In 2013, we began the process of communicating the new corporate strategy which outlines the direction for the organisation for the next five (5) years. Our strategic intent – **One Team creating optimal value through the safe, reliable and efficient conduct of our LNG business** – allows us to operationalise our vision and identifies what the Company would like to achieve and how we intend to do so.



#### Figure 4: Atlantic Strategy House

Our strategy rests on the foundation that is our core values, which guide our actions and behaviours in everything we do. Our core values – Safety, Performance, Integrity, Respect, Teamwork and – are at the heart of our journey and speak to who we are as a company, how we conduct our business and manage our stakeholder relationships.

Our strategy is guided by six (6) strategic elements:

- HSSE and Asset Integrity
- Production
- Projects Excellence
- Cost Management and Value Creation
- Corporate Responsibility
- People

These elements also guide our Corporate Performance Contract, which sets out our annual performance targets.



### PERFORMANCE OVERVIEW - 2013

STRATEGIC ELEMENT	WHAT WE DID IN 2013	WHAT WE PLAN TO DO NEXT
HSSE and Asset Integrity We will run a safe operation, maintain the integrity of our assets, preserve the health and safety of our people, demonstrate prudent environmental stewardship and provide security assurance.	We achieved 23 million man-hours without a Lost Time Injury (LTI), representing over six (6) years of safe operations. The Company recorded zero High Potential process safety events – incidents which, had they occurred, would have resulted in a major loss.	We will maintain our diligent focus on safety, with the aim of ensuring the well-being of our employees, contractors and communities.
	The implementation of our Asset Integrity Management Standard (AIMS) five- (5) year plan culminated in the full achievement of the 36 minimum requirements aimed at reducing the potential for high consequence, low probability events – accidents which rarely happen but have extreme impact.	The implementation of an overarching Atlantic Management System, aimed at standardising work procedures, increasing process safety, productivity and performance throughout the organisation will be a key focus.
	We won the BG Chairman's Award for Health for our Fatigue Risk Management Programme which aimed at reducing fatigue-related risks across our operations.	We will continue to work towards embedding our Fit-for-Work Programme across our operations by 2015.
<b>Production</b> We will maintain high levels of reliable and efficient operations and exceed our production targets.	We recorded 98% reliability on Train 4 – our highest reliability rate ever. Atlantic successfully and safely delivered the turnaround on Train 3 – the largest shutdown activity in the Company's operating history.	We will continue to work towards delivering the combined facility reliability target of 98% to 2017.

#### Table 2: Performance Overview - 2013

STRATEGIC ELEMENT	WHAT WE DID IN 2013	WHAT WE PLAN TO DO NEXT	
<b>Project Excellence</b> We will consistently deliver excellence in the planning, management, execution and operability of brownfield projects.	We finalised Master Services Agreements which will facilitate third-party support of our project delivery. Temporary blast-resistant shelters were completed to accommodate personnel on site, aimed at enhancing the safety of those on the Facility.	We will be working to implemen permanent solutions for safety, environment, integrity, reliability and capacity projects, including the completion of permanent blast-resistant buildings on site for keeping personnel safe.	
Cost Management and Value Creation We will create a cost-efficient and value-driven organisation, maximising returns to our stakeholders.	Atlantic paid a cumulative sum in excess of US\$311 million in taxes (including corporation taxes and green fund levies). Of this amount, income tax remitted on behalf of employees amounted to just over US\$12 million. We also spent US\$144 million for local services.	We will continue to define and embed guidelines for contract management.	
People We will operate as One Team, delivering exceptional results.	We launched an International Exchange Programme which facilitated the exchange of personnel between Atlantic and two (2) international LNG companies aimed at building capability and sharing best practice. Our Supervisory Development Programme was launched aimed at building capability among management and supervisory teams.	We will continue to progress people-development initiatives, including the implementation of approved employee development plans and the continuation of our Supervisory Development Programme in 2014.	
<b>Corporate Responsibility</b> We will conduct our business responsibly and in accordance with our Core Values, supporting the local and national communities in a sustainable manner.	Our Anti-Bribery and Corruption (ABC) Training Plan was developed and implemented, to facilitate training interventions for key departments. The Atlantic Coaching Excellence (ACE) Programme was launched, aimed at professionally certifying primary school cricket and football coaches.	We will be working on extending training and awareness interventions around our ABC Programme to include suppliers. We will embark on the second phase of certification under the ACE Programme, aiming to certify primary school coaches in all eight (8) educational districts across Trinidad and Tobago.	



In today's complex environment, the needs and concerns of our stakeholders impact the decisions we make. Engaging with our stakeholders and forming strategic alliances with them are important to our success as a company.

Among our key stakeholders are:

#### **Our Member Companies of the Shareholder**

The Member companies support Atlantic's strategic management approach and provide effective oversight to ensure that Atlantic executes a sustainable and profitable operation. We maintain a close working relationship with them – based on consistent communication, value creation and sound and ethical business performance. Our engagement includes interaction at Members' meetings and Assurance Committee meetings, which occur quarterly. In addition, there are other regularly scheduled meetings of various committees which facilitate engagement on a range of business/ operational issues.



Recognising employees for their long service to the Company

### **Our Employees**

The driving force of our business, how we engage our employees, impacts the delivery of our strategic aims and the culture and wellness of our organisation. We use our various internal communications channels to

share information and updates with our employees, including our online intranet portal, employee newsletter, email and posters. In addition, we also ensure there are face-to-face engagement sessions on important issues such as safety, anti-bribery and corruption, and company performance, as well as opportunities for discussion with their supervisors on their performance and any business-related matters.

At the start of the year, an all-staff meeting is hosted which allows for a review of past performance and discussion of new company targets and objectives. This is followed by a mid-year business meeting which focuses on our progress against our targets, as well as any other business-related issues, and is complemented by regular meetings at the department level.

#### **Government and Regulators**

We operate in an industry which is highly regulated and Atlantic is compliant with national and international laws, policies and regulations. Meetings with stakeholders are held as often as possible, and this allows us to stay abreast of key policy developments and any actions necessary to manage risk.

### **Our Local Communities**

By cultivating relationships with the community of Point Fortin and its environs, we seek to protect our licence to operate, as well as the safety and well-being of the people and the environment. Our engagement with the community includes fortnightly meetings with the Point Fortin Borough Corporation, which includes the Mayor and the Chief Executive Officer, and allows for discussion of activities and issues relevant to Atlantic's social investment strategy in Point Fortin and opportunities for co-operation.

Our engagement also includes interaction with various groups within the community, including village councils, youth groups and interest groups, who are engaged via roll outs of the Integrated Emergency Management Plan (IEMP), to raise awareness of our emergency response in the event of an incident. This programme also allows us to lend support to the Point Fortin Borough Corporation in their Community Emergency Awareness campaign. From time to time, we may also use methods such as flyers or print advertising for mass communication of planned evacuation or emergency response exercises on our Facility.

In addition, site visits to schools in the community are ongoing and aligned to our community investment programmes. These monthly visits allow for the interaction with principals, teachers and students on various issues, and we also conduct monthly interventions with these stakeholders around our IEMP. Furthermore, in 2010, we embarked upon a project to create a South Western Chapter of the Trinidad and Tobago Emergency Mutual Aid Scheme (TTEMAS) to provide assistance to both state and private organisations in emergencies. In 2013, TTEMAS met on a quarterly basis, with the Company being represented as chairman and secretary of the group.

Our membership in the Point Fortin South-Western Chamber of Industry and Commerce also allows for active participation and engagement with the local business community in Point Fortin.

The Company's community development programmes also create an avenue for regular communication and feedback. We conduct monthly site visits to track the performance of our programmes and as part of our governance process. These site visits also allow us to interact with those who are responsible for the day-to-day management of these initiatives, and provide a channel for open communication around any existing or emerging issues or challenges. Our covenant programme with Habitat for Humanity, for example, allows for the strengthening of relationships between the Company and the community through volunteerism. Our support of community events such as the annual Borough Day celebrations also provides strategic opportunities for engaging a wide cross-section of our community stakeholders.

#### **Our Suppliers**

Our suppliers play a significant role in our performance delivery, and we expect the same level of intervention and interaction from them that we expect from our employees. We are constantly working with them to build their capacity and to ensure that their operations are aligned to our policies and with industry best practice. We hold



The Point Fortin Borough Day celebrations provide us with an opportunity to engage key community stakeholders

Our membership in the Point Fortin South-Western Chamber of Industry and Commerce also allows for active participation and engagement with the local business community in Point Fortin.

quarterly meetings with the management of our supplier companies, which facilitate the exchange of best practice in areas which directly impact our business, including Health, Safety, Security and the Environment (HSSE) and issues related to finance and procurement. Management teams from our supplier companies also co-operate with Atlantic on Joint Management Safety Walkdowns on the Facility, which offer another avenue for them to actively support our HSSE strategy.

In addition, we conduct weekly meetings with contractors on the Facility, and during our turnaround activities, we also hold safety stand-downs every 72 hours. These meetings provide a forum for us to share information with our contractors, but also allow them to share any feedback, issues or concerns around occupational health and safety in the workplace.

Furthermore, training interventions and activities such as our pre-turnaround Safety Village sessions also allow us to convey important details around specific programmes and procedures which directly impact work activities and which are a major part of our overall risk management.





We hosted a turtle watching tour in 2013 as part of our media engagement

#### Media

The media has influence and we engage them as part of our reputation management to ensure that public perception is consistent with our identity and information shared is accurate and balanced. Our engagement with the media includes regular communication via the dissemination of media releases on business-related activities, as well as more informal interaction such as our annual media appreciation event, which is held once a year. In 2013, we also hosted a turtle-watching tour which included members of the media, and which gave them greater insight into our community development activities.

#### **Commitments to External Initiatives**

#### **Precautionary Approach**

The precautionary principle suggests that when an activity has the potential to bring harm to the environment or pose a risk to human safety, precautionary measures should be taken, even if some cause-and-effect relationships are not fully established or proven scientifically.

As discussed in the respective sections of the report, we identify, evaluate and manage risks at every level of our business, as part of our risk-management system.

#### **External Commitments**

In keeping with our commitment to social responsibility, we have taken the approach to adopt external standards that we consider particularly relevant to our business.

- ISO 14001 is an internationally accepted certification which establishes standards for an Environmental Management System (EMS).
- The Safe-to-Work (STOW) initiative is a joint effort of the Energy Chamber, the Association of Upstream Operators of Trinidad and Tobago (AUOTT) and the Point Lisas Energy Association (PLEA) to develop consistent health, safety, security and environmental (HSSE) requirements to prequalify contractors in the local energy sector.
- The Point Lisas Energy Association (PLEA) certification ensures that service provider employees are equipped with the basic HSSE knowledge and training which empowers them to better understand and identify hazards and risks associated with their tasks.

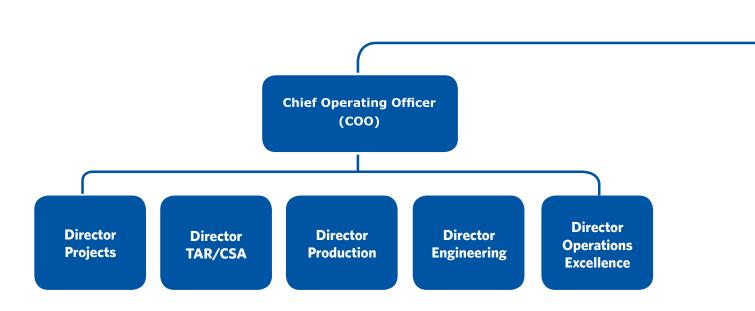
#### **Business Associations**

Atlantic is involved in major national industry associations and seeks to play a proactive role in the development of best practices and policies in areas of concern to the energy industry that are consistent with a sustainability-based perspective. Atlantic actively participates in the following associations:

- Energy Chamber of Trinidad and Tobago
- Trinidad and Tobago Chamber of Industry and Commerce
- American Chamber of Commerce of Trinidad and Tobago (AMCHAM)
- Point Fortin South-Western Chamber of Industry and Commerce
- Point Lisas Energy Association (PLEA)

## Governance and Ethical Conduct

#### Figure 5: Atlantic Leadership Structure



#### **Rationale for Focus**

Good corporate governance enables and supports an environment that is fair and transparent and which ensures that companies are accountable for their business decisions and actions. Our corporate governance mechanisms ensure that we have sustainable good business performance and also allow us to mitigate risk to our business and reputation.

Our industry continues to evolve and grow, which requires companies like Atlantic to constantly strive for continuous improvement in order to remain competitive. However, while we continue to raise the bar on performance, how we conduct our business and how we treat and engage our stakeholders remain important priorities. In other words, to be a strong company on the outside, we must be a strong company internally. Success over the long term depends on the ability to openly and fairly conduct and report on our business and Atlantic remains committed to the highest ethical and governance standards. We strive to foster a culture which recognises and rewards exemplary ethical behaviours, integrity and respect for others. In adhering to our standards and values, we are creating sustainable relationships with our stakeholders built on honesty, respect, loyalty and trust.

#### **Corporate Structure and Leadership Team**

Atlantic operates and manages four (4) LNG Trains. Each train is ultimately owned by a holding company comprised of different Member companies. Each of these companies is incorporated under the laws of Trinidad and Tobago.

One sub-committee of each Member company is an Assurance Committee which is charged with assisting each Shareholder with its responsibility for the review of: the effectiveness of internal controls, including the evaluation and assessment of issues and processes related to ethics; compliance with policies and procedures; corporate governance, risk identification and management; the effectiveness



of the internal audit function; the independent audit process including recommending the appointment and assessing the performance of the external auditor; the process for monitoring compliance with laws and regulations affecting financial reporting; and its code of business conduct. The financial reporting process is also monitored to ensure the balance, transparency and integrity of published financial information.

The Chief Executive Officer and Chief Operating Officer are responsible for the strategic direction and operations of the Company. They are supported by the Leadership Team which comprises the heads of each business unit across the Company: Production, Engineering, Operations Excellence, Health, Safety, Security and the Environment, Commercial and Strategy, Law and Compliance, Human Resources, Finance and Administration, Procurement and Supply Chain Management, Corporate Operations, Turnarounds and Projects.

The Leadership Team meets once per month to review and report on performance, to discuss progress against the strategic priorities of the organisation, and to ratify amendments and changes in direction.

The Management Team is made up of the next supervisory level reporting directly to heads of departments represented on the Leadership Team. This team meets quarterly for the purpose of reviewing progress against the annual targets and information to be disseminated throughout the organisation. It also functions as a focus group for new policies and initiatives.

#### Governance

Governance is achieved through an integrated system of corporate policies and procedures which provide guidelines for behaviour and practices. Updates on policies are rolled out to all employees and where applicable to contractors.

In addition to a Code of Ethics and annual declarations of potential conflicts of interest, there are policies that govern sustainability and procurement practices in the workplace.

#### **GOVERNANCE AND ETHICAL CONDUCT**



Our Code of Ethics embodies our commitment to strong ethical standards

#### Anti-Bribery and Corruption (ABC) Programme

Atlantic's Anti-Bribery and Corruption (ABC) Programme represents our commitment to embedding a culture characterised by strong business ethics and integrity. We have a strict zero-tolerance policy for any form of corruption or illegal behaviour which is outlined in our ABC Policy.

Our ABC Programme is the composite of all initiatives, policies and procedures which seek to encourage and reinforce sound ethical conduct among our employees, contractors and business partners. It is aimed at minimising the potential for acts of fraud, bribery and corruption across our business and in interactions with stakeholders.

The Fraud Risk Register captures fraud and corruption risks across our business. The risk assessment comprises fraud risk identification, analysis and mitigation, and covers 100% of our operations. In 2013, as per Atlantic's Risk Management Process, and reporting criteria, no significant fraud risk was identified.

An important component of our ABC Programme focuses on ensuring that all employees understand the implications and consequences of fraudulent practices. The ABC Programme therefore includes training for employees and a communication plan out of which come various initiatives to raise awareness. The communication plan includes engagement via such internal channels as the intranet, the electronic employee newsletter, company-wide plasma screens, face-to-face presentations, posters, pocket cards and tokens.

Our ABC Training Plan was developed and implemented in 2013 and included Learning and Development interventions for the key departments across the organisation, including mandatory orientation for all new employees. ABC Programme training sessions in 2013 also included sessions on Audit Control Language; Conducting Investigations; Data Analytics to Detect Fraud and Investigating Conflicts of Interest; Internal Controls; Corporate Governance; Understanding Workplace Fraud and Criminal Behaviour for 51 new employees.

Moving forward, we will continue to focus on training and communication around our ABC Programme, and on improvements to existing processes where applicable. This includes a commitment to strengthen our focus on engagement with suppliers.

In 2013, we had no confirmed incidents of corruption nor were we penalised with any significant fines or non-monetary sanctions. Generally as part of the external audit process, a routine audit was conducted by the Trinidad and Tobago Bureau of Standards pursuant to the Occupational Safety and Health Act and two (2) minor non-compliances were identified, which offered opportunities for improvement.



#### **Atlantic's Business Principles and Code of Ethics**

Atlantic's Business Principles and Code of Ethics embody our commitment to strong ethical standards of business conduct. Our Business Principles are a commitment to comply with all applicable legal requirements and the highest ethical standards wherever we operate. To help us meet this commitment, our Code of Ethics sets out what is expected from all our employees. Where employees engage third parties such as contractors, agents or consultants to work on behalf of the Company, they must ensure that these parties are made aware of the Business Principles and the Code of Ethics, and should seek their co-operation in adhering to them.

Our Code of Ethics was revised in 2012, and hard copies of this revised Code were distributed to all employees in 2013.

Concerns regarding compliance with the Code of Ethics or Business Principles can be raised via the 'Speak Out' mechanism which facilitates confidential and anonymous reporting via a telephone hotline, the Internet or in writing. 'Speak Out' is established to handle confidential submissions by Atlantic personnel and suppliers of concerns regarding questionable accounting and auditing matters, matters that are unethical and/or fraudulent in nature, and in contravention of the Code. Personnel are advised to use 'Speak Out' only when all other avenues have been exhausted. The recommended first recourse is usually the line authority, with Internal Audit, Human Resource Management or the Compliance Unit being the other available avenues.

In 2013, a total of 28 complaints were received compared to 78 in 2012.

#### **Internal Audit**

The Head of Internal Audit has a direct reporting relationship to the Chairman of the Assurance Committee.

Internal Audit is mandated to provide independent objective assurance and consulting services designed to add value and improve Atlantic's operations through:

**Assurance activities:** Providing independent objective assessments on whether the risk management, internal controls and governance

structures and processes implemented are designed properly and operating effectively.

**Consultancy activities:** Providing advice on potential improvements to enhance corporate governance, risk management and internal control structures and processes of the Atlantic companies.

Internal Audit performs audits on all aspects of the Company's operations. In 2013, Internal Audit conducted audits to review our Sustainability Governance Process, our Control of Work project, the Flow-Cal System, as well as three (3) contract compliance audits. In addition, we conducted a review of the Organisational Change Management Process, an assessment of our financial reporting controls and ISO 14001 related audits.

#### Performance Management

Every year, corporate targets are established in an annual Corporate Performance Contract. The targets are distributed from the Chief Executive Officer to his direct reports and throughout the organisation via individual performance contracts.

A scorecard on these performance targets is prepared for review by the Leadership Team on a monthly basis to assess performance and identify relevant gap closure initiatives and is shared monthly with staff via various internal communication channels. At the end of the year there is an evaluation of actual performance relative to the plan with any lessons learned being carried forward.

#### **Risk Management System**

The risk management system involves risk identification, assessment, mitigation, prioritisation and monitoring at each department's level in the organisation. Risks with potential for significant impacts are escalated to form part of the organisation's risk register.

The system has evolved into an ongoing, multitiered, integrated process used by Atlantic to ensure that contingencies are in place to minimise negative impacts and maximise opportunities.

The system is owned by the Chief Executive Officer who reports risks to each Assurance Committee.

## Health, Safety, Security and the Environment (HSSE)



A member of our Emergency Response Team during an evacuation exercise

#### **Rationale for Focus**

Safety is not only a priority at Atlantic, but it is one of our core values and lies at the heart of our organisational culture. Safety at Atlantic speaks to the overall wellbeing of our employees and our contractor personnel, but also refers to how we manage our operations so that we mitigate the potential for significant incidents which may adversely impact our communities and the environment. Our commitment to HSSE is reflected in the policies, standards and procedures which we have developed and on which we base all our activities.

#### Managing our Personal Safety

Having our people return home safely each day is important to us and we are committed to creating an environment for our employees and contractor personnel which protects their health, safety and overall well-being. Atlantic has made significant strides in safety performance, and on December 1, 2013, we achieved 23 million man-hours without a Lost Time Incident (LTI). This high level of performance can be attributed to safety initiatives which were successfully developed and implemented in accordance with international standards and industry best practices.



Safety governs every aspect of our operations

There are a number of policies and procedures which govern how we operate, and which guide both employees and contractors in their day-to-day activities.

Atlantic's Health, Safety, Security and Environment (HSSE) policy speaks to the Company's overarching commitment to the health and safety of everyone involved in or affected by the Company's activities, as well as our determination to care for the environment. This policy influences the development and implementation of standards and policies to govern specific issues around health, safety and the environment which are pertinent to our operations. Furthermore, we set targets and objectives and develop procedures for the Company's operational requirements based on this policy.

The Control of Work Policy governs the planning, management and execution of all work at our controlled sites, in accordance with the Control of Work Standard. This standard encompasses clearly defined competencies, roles, responsibilities and accountabilities for planning, risk assessing, authorising and executing work. Auditing, performance assurance and system improvement are also key aspects of this standard. The Control of Work Standard is one of several standards, which are a mandatory requirement for all employees and contractors while conducting all work on any Atlantic site. The other standards include Site Safety Standards, Driving Safety Standard and the Certification against Safe-to-Work Standard.

Additionally, there is a series of procedures, processes and programmes aimed at minimising harm to people, and which refers to specific activities integral to how we operate. Safe work practices are risk-based work practices which provide the guidance for conducting high-risk activities in a safe manner, by ensuring that all the necessary controls are identified and implemented. These safe work practices govern activities which include Confined Space Entry, Hot Work, Safe Isolation and Return to Service, and Hydro-blasting, among others.

The Hazard Identification and Task Risk Assessment process is a robust system aimed at analysing activities at a task level, identifying hazards and assessing the levels of associated risk to determine what controls are required to ensure safe execution of workplace activities. As part of ensuring that employees and contractors continue to build on hazard identification competencies, a communication

#### HEALTH, SAFETY, SECURITY AND THE ENVIRONMENT (HSSE)



Contractors at one of our Safety Village sessions

campaign for hazard identification was implemented in 2013. This follows the competency-based Hazard Identification and Task Risk Assessment training that was conducted in 2012.

While policies and procedures have been developed to guide our safety behaviours, we recognise that it is also important for employees and contractors alike to have opportunities to actively participate in the processes which affect their health and safety, and to provide feedback and suggestions as they relate to safety and how we operate. This is a critical element in raising the level of awareness around our HSSE programmes and procedures and contributes to building a sense of ownership among employees and contractors.

At the site level, there are a number of avenues through which employees and contractors can voice their HSSE concerns and which also bring to the forefront any specific issues which may warrant further investigation. These interventions include Site Safety Leadership Meetings, Welfare Committee Meetings, Mandatory Team Safety Meetings, Weekly and Quarterly Contractor Safety Meetings and Safety Stand-downs. Additionally, our approach to training forms part of the Company's overall risk management strategy and training interventions aid in deepening understanding and awareness on specific programmes and procedures which directly impact work activities. Interventions such as the Atlantic Site Induction process and our Safety Village provide support in this regard. Every employee and contractor is required to undergo the Company's site induction prior to engaging in any work on the Facility, while our Safety Village is aimed at increasing awareness of Atlantic's Safe Work practices and the various requirements under Control of Work, which are critical to the safe delivery of our turnaround activities.

#### **Incident Reporting and Investigation**

Atlantic has developed and implemented a robust Incident Reporting and Investigation procedure which details the process for the identification, reporting, management and investigation of incidents. An incident is an unplanned work-related event which has given rise to, or under slightly different circumstances, could have given rise to a loss, for example, injury, ill health, fatality, damage to plant, property, and equipment, or any negative impact on the environment, revenue, or reputation.





During major turnaround activities, an increase in manpower requires diligent focus on safe work practices

All incidents are required to be reported within 24 hours via an Initial Incident Notification form to the Atlantic Initial Incident Notification Group. The intent of the initial incident notification is to alert Site Leadership, in as short a time as possible, that an incident has occurred and to prepare them for making any required interventions both internally and externally. The Initial Incident Notification group consists of members of the Leadership and Management Teams, as well as representatives from the HSSE, Operations, Maintenance, Projects and Law and Compliance teams.

Based on the severity rating/potential severity rating of the incident, a decision is made on whether to conduct a formal Level 1 or Level 2 Incident Investigation. This investigation aims to identify the root causes, and also assists in determining the most suitable corrective actions required to address the root causes, and to share and embed the lessons learned. All agreed actions are entered into the HSSE Performance Management software for action tracking and to facilitate weekly reporting at the Site Safety Leadership Meetings.

In addition, a weekly Initial Incident Notification meeting is held with key stakeholders to review every reported incident with the sole intent of identifying actions or follow up that may be required to mitigate any risk resulting from the incidents. All actions from this meeting are also tracked to closure.

#### Managing Safety during Major Activities

Atlantic ended 2013 having achieved an industryleading milestone of 23 million man-hours without a Lost Time Incident (LTI), which represents over six years without an LTI. We achieved this milestone despite the exponential increase in work activity on the Facility. In September 2013, we undertook the largest and most complex turnaround scope of work in our operating history. This required us to bring, at peak, an additional 2,600 contractors on the Facility. With this significant number of personnel on site, we executed 605,000 man-hours of safe work with zero recordable incidents, during this period.

This was the direct result of our HSSE Management process during the turnaround. We continue to work to embed a philosophy around safety, which provides the overarching guidance for the development and implementation of robust scope-specific HSSE plans for managing turnaround-related risk. Lessons learnt from previous turnarounds are continuously integrated in order to improve efficiency in delivering safety excellence during these complex activities. We have also applied this approach in the execution of other major projects.

Through the progress achieved to date in the delivery of the HSSE strategy and plan, the Company has laid a sustainable foundation for the further development and embedding of future initiatives, assuring and maintaining a high level of safety performance going forward.

## Case Study



A turnaround (TAR) is a major maintenance intervention that is executed when the plant is taken down to zero rates. The volume and scope of work is usually significant, involving thousands of man-hours in the careful planning and successful execution of the activity. Over the years, the TAR processes and systems have been honed ensure efficiency and to excellence in operation to the point where industry experts have dubbed our performance as "Best-in-Class".

HEALTH, SAFETY, SECURITY AND THE ENVIRONMENT (HSSE)

## Delivering Best-in-Class Turnaround Performance

In 2013, we had yet another intense period of activity on the Facility, with turnarounds being completed on Trains 2 and 3. In April, we executed a simultaneous shutdown of Trains 2 and 3 – the first time that both Trains were taken down at the same time. Our simultaneous activity resulted in no Lost Time Incidents (LTIs), a significant achievement considering the number of risks involved, including 399 lifts, 133 confined space entries and 141 hot work activities. Furthermore, with 165 jobs planned for Train 2 and 226 jobs earmarked for Train 3, both activities required 40,000 man-hours. During this turnaround, we showed strong performance in flare line work execution, compressor deck work execution and the parallel loading of Molecular Sieve Beds. There was a challenge with the restart of Train 3, but the knowledge gained from this incident will be used to inform future turnaround activities and ensure that we improve start-up performance going forward.

In September, we completed a major turnaround on Train 3 – the largest turnaround in our operating history, based on the significant number of Capital Projects in conjunction with the major Modular, Inspection and Maintenance works. During this turnaround, we completed 1,300 jobs, which required 1,550 risk assessments to be performed with a total of 2,600 persons on our Facility at peak. In addition, over 312 hot work/ naked flame jobs were completed, with 72 confined space entries and 629 blinds put in place for isolation. Major milestones included:

- Safe completion of one of the largest turnarounds in the history of the LNG industry
- Achievement of mechanical completion on the turbine modular replacement two (2) days ahead of stretch target of 23 days
- Removal and installation of six (6) High Efficiency Filters and gas turbine modules in 13 days first of its kind in this industry
- Pressurisation of front end to full operating pressure with zero leaks
   a testament to a comprehensive flange management initiative
- Accomplishment of the most successful gas turbine restarts following a modular replacement in our history
- Execution of approximately 20,000 lifts with approximately 584 heavy lifts (Levels 3 and 4), inclusive of 36 flawless, major heavy lifts with a maximum capacity of 90 tonnes.

All this was accomplished with severe resource limitations brought on from an island-wide TAR opportunity window which saw us receiving approximately 20% green hats on site – i.e. persons who had never before worked on our Facility. In total, we executed approximately 605,000 man-hours of work safely, and with no major safety incidents. With proactive engagement via pre-turnaround Safety Village interventions, as well as rigorous safety practices, and the effective management and communication controls on the frontline of turnaround activity, we continue to execute major turnaround activity safely and successfully.



#### Table 3: Injury Statistics - 2013

OSHA Recordable Rate	0.191		
Type of injury		Contractor personnel	Total number of injuries
Fatalities	0	0	0
Lost Time Incidents	0	0	0
OSHA Recordable	3	1	4
First Aids	13	57	70
Occupational Diseases	0	0	0
TOTAL	16	58	74

Table 4: Injury Statistics	by Location - 2013
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Location	Atlantic	Contractor	Total number of injuries
Process Plant	10	48	58
Non-Process	2	7	9
POS Office	2	0	2
Point Fortin Administration Building	2	0	2
Other	0	3	3
TOTAL	16	58	74

Note: A general log of all incidents is maintained, however, incidents by gender are not explicitly tracked.

Atlantic utilises OSHA's requirements for Recording and Reporting Occupational Health Injuries and Illness (Part 1904) with specific reference to Subpart C – Recordkeeping Forms and Recording Criteria

## Managing Employee and Contractor Health and Well-Being

Our priority is to provide a healthy work environment for our people and to provide the necessary resources and support from which they can take responsibility for their well-being. Ensuring the physical well-being of our people is critical as poor health and lifestyle choices can impact on their ability to perform their work-related duties in a safe and responsible manner. Our ongoing focus on occupational health ensures that no occupational exposure or medical condition negatively impacts upon the health and safety of the worker, or those with whom he works. Our approach to occupational health is to ensure that employees and contractors are able to perform their duties and are engaged regularly on issues concerning their overall wellness.

Atlantic's Fit-for-Work Programme covers all our employees and contractors who undertake highrisk activity on our sites. This programme entails comprehensive medical assessments that ensure an individual is fit to undertake work related to their job function. It also ensures that any pre-existing medical condition is not made worse by the work being performed. The Fit-for-Work Programme captures legislative surveillance which facilitates the early detection of any negative health effects that may arise from occupational exposures.



Atlantic's Fatigue Risk Management System won the BG Group's Chairman's Award for Health in 2013

#### Managing Fatigue-Related Risk

We recognise the serious implications that can arise from poor fatigue management. Worker fatigue has the potential to impact the health of our workforce, compromise safety and affect productivity. To mitigate the risk of fatigue, Atlantic has developed implemented a comprehensive Fatigue and Risk Management System. Fatigue awareness, a Consecutive Working Period Policy, Journey Management and use of the Occupational Fatigue Exhaustion Recovery (OFER) Scale are the core pillars of the Fatigue Risk Management System. The system allows us to proactively manage fatiguerelated health and safety concerns and also allows for engagement with our employees and contractors on how to recognise the risk factors and the appropriate action to reduce fatigue-related risk.

#### HEALTH, SAFETY, SECURITY AND THE ENVIRONMENT (HSSE)



We engage third-party observers to provide feedback and suggestions during our evacuation exercises

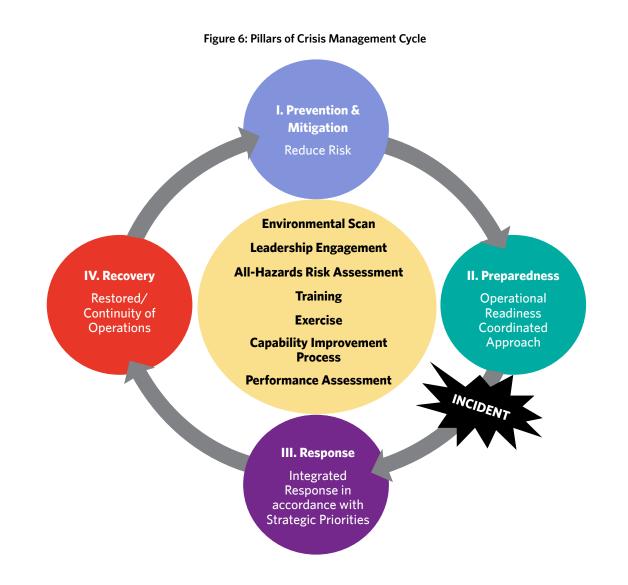
In 2013, our efforts in the area of fatigue management were internationally recognised, as the Company won the BG Group Chairman's Award for Health. The BG Group Chairman's Awards programme was established by BG, one of Atlantic's shareholders, to showcase excellent performance in HSSE and asset integrity across its worldwide operations. This is the second time that Atlantic has won this award. In 2010, the Company won the Health category award for the Safety Village initiative – a unique intervention aimed at embedding our core health and safety values across our contractor base.

In addition, Atlantic has in place a suite of programmes to manage health and well-being, including:

 Executive Medical Programme – This programme allows employees to access a tailored suite of medical assessments based on best practice, including exercise stress testing and colonoscopies. It also allows for the early detection of chronic non-communicable diseases such as diabetes, hypertension, cardiovascular disease and obesity.

- Employee Assistance Programme This programme is a confidential service available to all employees. It provides assistance and counselling on all types of issues.
- Substance abuse testing Substance abuse testing is undertaken randomly, at least once per week, or post-incidents. Support services are also available including rehabilitation and access to the Employee Assistance Programme.
- Industrial Hygiene Exposure Assessments and Programmes – Atlantic has been making strides in the area of Industrial Hygiene by taking measures to comprehensively assess and characterise exposures during routine and non-routine activities, so as to ensure all risks are adequately managed and worker health is protected. These include assessments for Indoor Environmental Air Quality, Hand-Arm and Whole Body Vibration, Personal Noise and Chemical Exposures. Our approach to Industrial Hygiene also includes employee engagement to increase awareness of these exposures.





#### **Crisis Management and Emergency Response**

It is important that we maintain a focus on crisis management and emergency response, to minimise the impact of any incident on our people, the environment, our assets or our reputation. Major threats to our business include, but are not limited to, natural disasters, civil unrest, fire or explosion and terrorism.

Atlantic has developed and implemented a four - (4) step cycle known as the Pillars of Crisis Management, to ensure that the Company is well-equipped to deal with any potential incidents.

- 1. Prevention and Mitigation These are all the measures aimed at reducing the risks involved in normal business operations, and in particular, the risks that an incident may occur.
- **2. Preparedness** Preparedness speaks to the actions which must be undertaken in order for the Company to be sufficiently organised in the event of an emergency. These actions include the co-ordination of drills and exercises, as well as the co-ordination of training in areas such as emergency response, and first aid and CPR.
- **3. Response** Atlantic's Integrated Emergency Management Plan provides an outline on how the Company responds to different emergency events, and the roles of the key players involved in these efforts.
- Recovery Atlantic's Business Continuity Planning process guides how we recover from any disruptions and maintain or resume the Company's core business processes and activities.

#### HEALTH, SAFETY, SECURITY AND THE ENVIRONMENT (HSSE)

In 2013, Atlantic maintained its focus on preparing for any disruption or incident, which included relevant training for personnel. Atlantic's HSSE Competency Development process identifies the competencybased HSSE training requirements for each role within the organisation. This includes training related to emergency management and response, which ranges from basic firefighting and first aid to crisis management and major emergency management. In 2013, preparation for potential incidents included training for all emergency wardens and security officers at all Atlantic's sites, as well as conducting evacuation exercises, which were guided by a Drill and Training schedule.

A full-scale emergency response exercise was conducted in July, which was designed to evaluate Atlantic's ability to manage an emergency on our production facility and to gauge response in terms of evacuating and mustering all personnel, mobilising the Mutual Aid Team and managing crisis communications. The exercise tested the Integrated Emergency Management Plan (IEMP) and the Port Facility Security Plan (PFSP) as it applies to emergency preparedness.

Atlantic also conducts roll-out sessions in schools within the Point Fortin community, aimed to sensitise students and teachers on key aspects of the IEMP. In addition to providing Atlantic-specific information on emergency response, these roll-outs also refer to the role of the Point Fortin Borough Corporation and their wider community emergency response plan. In some cases, Atlantic partners with the Corporation on these roll-out exercises. Our full-scale evacuation exercise also allows for active engagement of the community, particularly our fenceline residents, around emergency response and their response in any incident.

In 2014, we will be working towards developing computer-based training for persons across the organisation in areas related to crisis management and emergency response, and will continue working with various stakeholders in testing and improving our emergency response through regularly scheduled drill and evacuation exercises.



Our electronic key pass system is only one element of our security management

#### Managing our Security

Our approach to security recognises that a secure working environment is very important to the Company's success. We are committed to treating with security risks with the same urgency as any other critical activity in the business, and our response seeks to protect human life, the environment and the Company's assets in the event of any emergency. Through engagement, we have built relationships with local and international government security agencies and other relevant organisations with this aim in mind. Atlantic continues to engage both employee and service providers on issues regarding personal security and corporate security, aimed at raising awareness and our profile protection.

In 2013, we hosted our second annual Security Awareness Week, which featured engagement sessions around personal and corporate security, as well as exhibition booths from various security providers. We also hosted a visit of the national Heads of Security, which was part of our long-term view of establishing stronger relationships between the Company and national security agencies, to supplement our defences and practices.

#### Managing Process Safety and Asset Integrity

In 2007, an assessment was done against two (2) shareholders' Integrity Management Standards, to define the minimum requirements for preventing and managing Major Industrial Accidents. Significant gaps were identified and a decision was made to implement an Asset Integrity Management (AIM) standard at Atlantic. In 2008 the AIM Standard was developed and approved for implementation over a five (5) - year period (2009 – 2013).





An employee gets information at one of the exhibition booths during Process Safety Week

Implementing this standard required that we identify, assess and develop risk mitigation plans and corresponding mitigation tools. We defined Significant Risk Contributors and identified and assigned responsibilities in order to address these. Overall, of Atlantic's eight (8) top risk contributors, six (6) of these have shown a risk reduction on our risk matrix from severe (purple) to high (blue). This represents a significant reduction in our risk. In addition, understanding our risk through the implementation of the AIM standard places us in a better position to prevent the likelihood of a Major Accident, as well as improve the reliability and efficiency of our operations. One of the elements of the standard required the development of a Competency Management Assurance System (CMAS) for all Operations and Maintenance personnel, as well as an equivalent system for engineers and technical staff. CMAS aims to ensure the competence of individuals performing safety critical roles and provides clearly defined profiles, comprehensive training plans and systematic assessments for individuals.

Overall, the implementation of the AIM standard ensures that we better understand our risk and focus on reducing the potential for high consequencelow probability events, which can negatively impact our people, our environment, our assets and our reputation.

In December 2013, Atlantic completed the implementation of all 36 minimum requirements

of this AIM Standard, which included the following milestones:

- Our Asset Integrity Management Standard implementation moved from 81% in 2012 to 100% in 2013.
- The Safety Instrumented Systems (SIS) was tested as per plan.
- Completion of testing of 189 pressure safety valves (PSVs), which sustained our transition from yearly to quarterly testing.
- Completion of 265 regulatory and Risk Based Inspections (RBIs) with no major findings or concerns.
- Close-out of 20 Safety and Operations Integrity audit actions, bringing the total over the last two (2) years to 123 out of a total of 142 actions, or 87% of all the audit actions.
- Completion of 1,564 Competency Management and Assurance System (CMAS) assessments for Production Operations and Maintenance Technicians in support of achieving facility competency milestones, as against 1,346 CMAS assessments in 2012. This represented approximately 50% more assessments above the target set for 2013.
- Completion of pilot competency assessments of Operations and Maintenance Supervisors and Service Providers in 2013.
- Completion of 1,597 Computer-Based Training (CBT) modules by Operations personnel, to raise awareness on a wide range of process safety systems and equipment. This was consistent with the 1,681 CBTs completed in 2012.
- Successful hosting of the second annual Process Safety Week – a strategic intervention aimed at increasing awareness on process safety across the organisation.

Throughout the year we maintained focus on exploring opportunities for reducing risk, some of which included:

- Ensuring the safety of our employees and contractors on-site by moving them to Blast Resistant Shelters.
- Full implementation of the Backlog and Deferral process in managing the risk around the Safety Critical Equipment (SCE) Management.
- Completion of all 2013 milestones on process control issues under the Instrumentation & Control Upgrade project. This included

#### HEALTH, SAFETY, SECURITY AND THE ENVIRONMENT (HSSE)

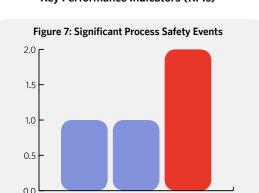
completion of all Safety Integrity Level (SIL) and Layer of Protection Analysis (LOPA) actions, as well as significant progress on Alarm Management and Loop optimisation.

- Completion of Turnarounds on all four (4) Trains including the largest ever Turnaround in our operating history, which was completed on Train 3, where integrity-related issues were addressed, particularly the last flare reinforcement project.
- Implementation of short-term solutions for the Cold Temperature steel embrittlement issues identified by ConocoPhillips in the fourth quarter of 2012. These solutions included Operator Training, instrumentation set point alarms modification, and change out of small diameter piping and instrumentation during the planned Turnarounds.
- Finalisation of the Master Services Agreement (MSA) for Fabric Maintenance and continued progress on the 2013 execution plan, including channel trays and fan guards replacement, pressure washing of vessels and piping, and significant works on the Tank B dome restoration and recoating.
- Completion of Flare Upgrade Process FEEDs for all four (4) Trains to address potential capacity and Induced Acoustic Vibration issues.

We also made significant progress in reducing the Management of Change (MoC) backlog, resulting in reductions of 91% on temporary MoCs and 70% on permanent MoCs. In addition, we successfully delivered key milestones on the Process Safety Information Project, which included the definition of the list of critical documents to be updated, as well as updates to the Train 1 Process and Instrumentation Diagrams in preparation for the Hazard and Operability Study which will be conducted in 2014.

At the end of 2013, we developed an engagement plan to increase awareness on process safety performance across the organisation. Four (4) high level Key Performance Indicators (KPIs) were identified which will be used to communicate our progress against our targets:

 Significant Process Safety Events – These are loss of primary containment events that lead to fatalities, Lost Time Incidents (LTIs), recordable incidents, fires causing significant damage, or major hazardous releases.



#### Atlantic's Level 3 Process Safety Key Performance Indicators (KPIs)



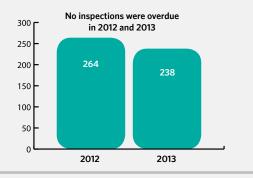
2012

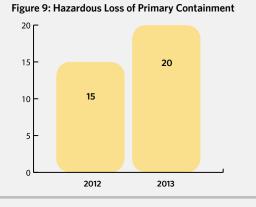
2011

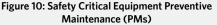
Greater Consequence

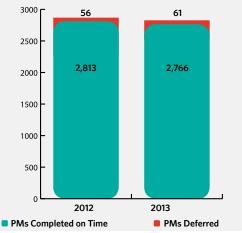
2013

Lesser Consequence













Personnel on-site paying particular attention to safety while executing a job on the Facility

In 2013, there were no significant process safety events related to production of LNG. In 2014, our aim is to develop and begin implementation of a new five-(5) year plan. With the completion of the actions under the previous five- (5) year plan, an assessment of how well the processes are working, identification of areas for improvement and development of appropriate solutions will be done. Focus will be placed on being more systematic by building out a framework and plan for implementing an overarching Atlantic Management System (AMS).

The overall aim of the AMS is to standardise work procedures, which will increase process safety, productivity and performance throughout the organisation. It will work by utilising a cycle with various steps to encourage employees to do regular checks for risks which may not be obvious, plan work by prioritising the objectives and make improvements where necessary. Furthermore, the AMS will help decrease potential threats by creating a consistent and inter-related way of working, rather than multiple disparate processes operating in silos, and will facilitate a shared view of our risks, activities and priorities.



Figure 11: Structure of the Atlantic Management System – a key focus for 2014

# Case Study



Process safety is critical to the oil and gas industry. At Atlantic, our process safety management systems mitigate our risks, while our industryleading, Process Safety Week was implemented to strengthen Atlantic's safety culture. HEALTH, SAFETY, SECURITY AND THE ENVIRONMENT (HSSE)

# Reinforcing the Significance of Process Safety

At Atlantic, our understanding of safety encompasses both personal and process safety which is integral to the success of our operations. Personal safety is crucial, for the well-being of our people is foremost. Personal safety or occupational safety is more evident in terms of an action, such as a person executing a job, and a reaction, where that person may be injured while executing that job. Process safety, on the other hand, involves the potential for a major accident, if due diligence is not taken to avoid the occurrence of leaks, spills, equipment malfunction, overpressures, excessive temperatures, corrosion, metal fatigue and other similar conditions. Complacency towards such events can result in major industrial incidents such as explosions, fires and toxic releases, which can pose risks to human life, as well as, lead to dire effects on the environment, loss of assets and negative impacts on a company's reputation.

The disastrous outcomes of process safety incidents have been illustrated historically. The Texas City Refinery explosion of March 2005, for example, resulted in 15 fatalities and more than 170 injuries. Two organisational factors which contributed to that explosion were a lack of process safety management systems and a weak safety culture. Atlantic took proactive steps to address both issues, by first refining our process safety management systems via our Asset Integrity Management System (AIMS) five - (5) year plan, which is aimed at preventing major incidents through the implementation of robust systems, policies and procedures to mitigate potential risks.

However, for systems and measures to be effective, behaviours must be aligned towards the common goal of mitigating risk, and there must be a robust culture towards how we manage process safety. For this reason, Atlantic launched Process Safety Week in 2012, which has become an annual event on the corporate calendar.

Exclusively dedicated to engagement around process safety-related issues, Process Safety Week seeks to empower each individual to protect our people and preserve our business. Atlantic hosted a series of engagement sessions which included keynote addresses, presentations, panel discussions, and booth displays facilitated by employees as well as key personnel from within the local industry. In 2013, topics of discussion included Human and Organisational Asset Integrity and Process Safety, Key Performance Indicators and Operational Risk Management and Culture, Competence and Compliance.

As we move forward, we will explore additional opportunities via which we can engage not only our technical staff but our general and administrative professionals as well, because safety relies on all the commitment and actions of all our people. We hope to open Process Safety Week to the wider industry, and anticipate that this wider involvement would facilitate the sharing of knowledge and best practice, which will improve the overall climate of process safety locally and within the region.



# Managing our Environmental Impact

The potential environmental impacts of the activities at an LNG processing plant include, but are not limited to effects from the following:

- Emissions of contaminants (greenhouse gases) to the atmosphere which affect air quality and can contribute to global warming and climate change
- Release of chemicals and effluents causing contamination of land and surface waters
- Noise and vibration from the infrastructure on neighbouring communities
- Transporting products to and from the facility
- Use of water and/or discharge into water resources
- Solid and liquid waste

We continue to work towards reducing the environmental impact of our operations as we meet the growing global demands for LNG. We have defined standards to monitor our greenhouse gas emissions, evaluate our use of energy and manage our use of water while contributing towards the protection of our country's rich biodiversity. We have been focusing on key areas within 2013 including characterising, minimising and managing waste, preventing spills and leaks, reducing flaring, and monitoring our greenhouse emissions.

At Atlantic, we consider environmental factors as integral parts of our planning and operating decisions. We have maintained a certified Environmental Management System (EMS) since 2001, in accordance with the ISO 14001 standard. This system is part of the company's management practice to develop and implement our environmental policy and manage our environmental aspects.

In 2013, Atlantic engaged the services of an independent consultant to review the manner in which the organisation addressed its material environmental aspects. Using a cross-functional team, we identified our aspects and their impacts, ranked them and suggested mitigating actions to assist in managing them. This approach has strengthened ownership of the various aspects by specific departments whose operations are directly related to the particular aspect, as well as improved the alignment of suggested actions to these aspects.

The Community Awareness and Emergency Response (CAER) Programme also allows us to engage the community and allows for the logging, monitoring and closure of any issue or grievance.

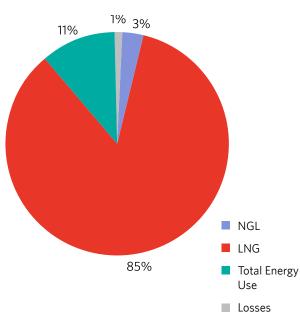
#### Energy

# Energy Consumption within the organisation – Self-Generated Energy Consumption

Atlantic generates its own electricity which is used to power all relevant equipment for the production of Liquefied Natural Gas (LNG) and Natural Gas Liquids (NGLs). LNG is the primary product from feed gas entering the Facility. NGLs – a propanerich composition of heavy hydrocarbons – are a secondary product and are transported via pipeline to Phoenix Park Gas Processors Limited (PPGPL) for local consumption and export.

Natural gas is used on the Facility for the production of energy for the Inlet Compression, power turbines and refrigeration. Some of the natural gas is lost during the process due to flaring and fugitive emissions and is accounted for as losses.

The major fuel consumers are from the 27 gas turbines, with the remainder being consumed by nine (9) Turbine Generators (TGs) and 17 Fired Heaters. The total energy consumed by the Facility is represented by 97,102 Terajoules.



#### Figure 12: Feed Gas Distribution - 2013

#### **Purchased Electricity**

Atlantic also consumes purchased electricity for Atlantic's non-production facilities, which include our offices in both Point Fortin and Port of Spain. The electricity that is consumed from purchased sources represents a value of 18,604 Gigajoules.

(Energy conversion: 1KWH = 0.0036 Gigajoules; G means Gigajoules, a billion or 109 )

#### **Energy Intensity**

Energy intensity at Atlantic is calculated using the organisation's energy consumption divided by total LNG production. This is reflected by 127.15 Megajoules/Million British Thermal Units (mmbtu).

#### **Reduction of Energy Consumption**

We recognise that our primary source of energy comes from a finite stock of non-renewable resources and drawing down from the stock leaves reduced amounts for future consumption.

In planning for the construction of permanent Blast Resistance Modules in the non-process area, we saw the opportunity for constructing sustainable buildings known as Green Buildings. These Green Buildings will be designed using processes that are environmentally responsible and resource efficient throughout a building's life-cycle. In 2013, Leadership in Energy and Environmental Design (LEED) training was provided to 11 employees who will influence and incorporate their learnings into the design of the Blast Resistance Modules. The high performance buildings are expected to be energy efficient and will reduce energy usage over the life of the building.

#### Water

Freshwater is supplied to the Facility and to our administration buildings by the Water and Sewerage Authority, which is the national water utility company. In 2013, Atlantic assessed its freshwater intake at approximately 146,787.84 cubic metres (m<sup>3</sup>/year). Water is essential to our operations and a reliable supply of water was made possible by the commissioning of a desalination plant in Point Fortin, the production capacity of which is 4.6 million gallons per day.

#### Table 5: Water Usage - 2013 (in cubic metres)

Year	2013
Plant Water Usage/m <sup>3</sup>	141,732
Administration Building	
Water Usage/m <sup>3</sup>	5,055.84
Total Water Usage/m <sup>3</sup>	146,787.84

#### **Emissions**

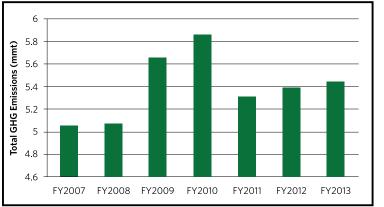
One of Atlantic's significant Environmental Aspects is the greenhouse gases (GHGs) produced from our operations. We recognise the consequences of this phenomenon and have been rigorously tracking our carbon footprint and managing GHG emissions from the production process through multiple approaches, including efficiencies of operations and reductions in flaring and venting. A facility mass balance is utilised in the determination of the unaccounted (unmeasured) hydrocarbons in the Facility.

Based on the use of a mass balance technique, it is somewhat different to the GHG emissions reporting requirements as outlined in the GRI reporting, therefore not all requested information is currently available for 2013. However, during 2013, we began discussions with our Member companies and we are currently taking action to review and further improve the current system in order to meet industry bestpractice standards while we continue to improve the energy efficiency of our operations.

As an organisation, we face similar challenges as the rest of the world in facing the critical challenges of the increasing demands for energy while reducing carbon dioxide emissions – the greenhouse emissions most critical to climate change. At Atlantic, we continuously challenge ourselves to improve our efficiencies and monitor our emissions to possibly setting future goals for reduction.

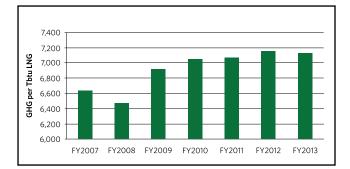
In 2013, based on these calculations, the GHG emissions for Atlantic was 5.44 million tonnes (mmt). This is an absolute value based on mass balance calculations. At present, the Company is evaluating its greenhouse calculator with the intention to establish any continuous improvements needed to ensure that there are robust processes in place to measure and minimise the Company's carbon footprint.





#### Figure 13: Total Facility GHG Emissions per Tbtu LNG 2007-2013

#### Figure 14: GHG Emissions for period 2007-2013



Also, a study on Boil-off Gas (BOG) management has been placed on Atlantic's five - (5) year strategy (2013 – 2017) as an important project around our carbon footprint. Flaring of Boil-off Gas contributes to greenhouse gas emissions and is also a valuable resource. This is a priority environmental project and at present Atlantic is evaluating the best technology through which we can achieve this goal.

#### **Spills**

The prevention of a spill is foremost in our operations and much attention is paid when planning jobs that have the potential to cause a spill. Our response capability has strengthened as spill response was incorporated in the role of the Emergency Response Team. In 2013, there were eight (8) spills to the environment, amounting to approximately 77.56 barrels. The spill volume increased in 2013 due to one (1) spill that occurred with Lube Oil from a Hydraulic pump on the facility which was approximately

Years	Total Facility Greenhouse Gas Emissions per TBTU LNG
FY2007	6,635.34
FY2008	6,474.31
FY2009	6,920
FY2010	7,047.39
FY2011	7,071.3
FY2012	7,153.18
FY2013	7,129.36

70 barrels. The spill was immediately and effectively recovered with no harm to the environment as it did not enter any nearby waterways. Atlantic also conducted a thorough investigation into the cause of the incident and recommendations were made to prevent any recurrence.

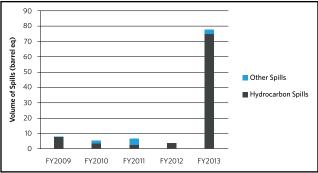


Figure 15	: Total	spills	2009	- 2013
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Year	2009	2010	2011	2012	2013
Hydrocarbon Spills	7.5	3.16	2	3.56	74.53
Other Spills	0.5	2.25	4.6	0	3.03

#### **Effluents and Waste**

Waste, if not properly managed has the potential to negatively impact the environment as well as the health and safety of personnel involved, that is, from those who produce waste to those who transport it, and finally those who receive, store, treat and dispose of it.

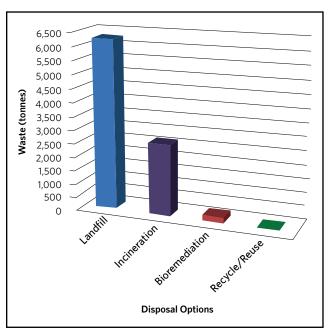
### HEALTH, SAFETY, SECURITY AND THE ENVIRONMENT (HSSE)

Tools such as a Waste Management Framework and Environmental Operating Practices specific to each job activity are used to guide the way we positively manage waste generated during daily maintenance and turnaround activities. Disposal or treatment options for hazardous waste generated are determined via representative sampling and analytical laboratory results derived. The waste is then disposed of or treated at an Atlantic-approved Waste Treatment Facility only. It is then monitored and tracked using a chain-of-custody system which includes disposal verification via waste disposal certificates.

This total waste management approach is complemented by a robust employee and contractor education awareness programme regarding the importance of waste reduction and is supported through a company-wide recycling programme, which encourages them to reduce and recycle waste at all our locations.



Part of our waste management approach is encouraging employees to recycle



#### Figure 16: Waste Disposal - 2013

Waste Disposal Routes	Quantity (Tonne/year)
Incineration	2,637.04
Landfill	6,241.10
Recycle/Reuse	30.46
Bioremediation	190.60

#### Compliance

In 2013, there were no significant environmental fines levied upon Atlantic, nor were there any nonmonetary sanctions. Furthermore, there were no cases brought through dispute resolution mechanisms with respect to any failure to comply with applicable environmental requirements.



Information About Waste Produced	Quantity (Tonne/year)	Name
Total waste produced	9,703.42	Represents 25 Waste Streams
Hazardous waste for disposal	3,449.73	Solid and Liquid Hazardous Waste (Includes spent molecular sieve waste in storage)
Non-hazardous waste	6,253.69	Construction/Demolition and Domestic Office Waste
1st largest waste stream	6,237.39	General Waste/Garbage
2nd largest waste stream	1,844.97	Amine (including water contaminated with Amine)
3rd largest waste stream	604.22	Spent Molecular Sieve
Waste generated in storage	604.22	Spent Molecular Sieve

### Table 6: Total weight of waste by type and disposal method

#### Table 7: Environmental Performance Data - 2012-2013

Indicators	Measure	FY2012	FY2013
<b>Energy</b> Energy Use – Fuel Energy Use – Electricity Energy Intensity Ratio	Terajoules Gigajoules Megajoules/mmbtu	95,795 19,092 127.09	97,102 18,604 127.15
<b>Water</b> Plant Usage Administrative Building	Cubic metre Cubic metre	13,4076.28 2,153.28	146,787.84 5,055.84
<b>Emissions</b> Carbon Dioxide Methane GHG Intensity Ratio	Tonnes Tonnes Tonnes CO2 e /Tbtu Total LNG Production	5,349,617.13 2,006.24 7,153.18	5,403,192.63 1,967.89 7,129.36
<b>Waste</b> Hazardous Waste Non-Hazardous Waste Total Waste	Tonnes Tonnes Tonnes	3,052.29 2,634.34 5,686.63	3,449.73 6,253.69 9,703.42
<b>Spills</b> Hydrocarbon Spills Other Spills	Barrels Barrels	3.56 0	74.53 3.03

# People



Atlantic's employees are key to the Company's continued success

#### **Rationale for Focus**

Everything Atlantic does and aims to do as an organisation relies on the productivity and innovation of our people. With People being one of the Company's strategic elements, our long-term strategy speaks to ensuring we attract, employ and develop people with the right skills and behaviours aligned to our values, as this is critical to our sustainability and to our continued success in the global LNG industry.

#### **Managing our Talent**

In 2013, as the global LNG industry continued to grow, and as new LNG facilities were being constructed across the world, we were faced with the challenge of a phenomenal increase in international demand for skilled and experienced personnel. Like many other mature operations in the LNG industry, Atlantic boasts of a highly skilled talent pool, and we face strong competition for certain skills sets. At the end of 2013, our employee base stood at 714 persons – 519 men and 195 women. During the period January 1 – December 31, 2013, we hired 25 new persons, while 35 persons exited, with the majority of those exiting being male employees between the ages of 31-40.

Employing and developing people to maximise their potential is critical to ensuring the sustainability of our business. As a result, we continue to focus on understanding our present and future skills needs and how we can meet these requirements in the different areas across our business.

Table 8: Total Number of Employees byEmployment Contract and Gender as at December 31, 2013				
Employment Contracts	Male	Female	Total Headcount	
Permanent	457	162	619	
Fixed Term	7	19	26	
Secondee	1	7	8	
Direct Contractor	1	1	2	
Temporary	0	5	5	
Trainees	35	19	54	
Total	501	213	714	



	by Age Grou				ber 31, 2013
	Age Group	Male	Female	Total	Employee Turnover
1	Employees 30 or younger	1	1	2	0.32
2	Employees 31 to 40	23	4	27	4.36
3	Employees 41 to 50	6	0	6	0.97
4	Employees 51 to 60	0	0	0	0
	Total	30	5	35	5.65

Table 9: Total Number and Rate of Employee Turnover

#### Footnote:

Employee Turnover equals total number of exits x 100/ total number of permanent employees (619)

*Turnover refers to exit of permanent employees only. Excludes all other employment categories.* 

#### Table 10: Total Number of New Employees by Age Group and Gender as at December 31, 2013

	Age Group	Male	Female	Total	Percentage rate of new employee hires
1	Employees 30 or younger	10	0	10	1.40
2	Employees 31 to 40	7	1	8	1.12
3	Employees 41 to 50	2	1	3	0.42
4	Employees 51 to 60	2	1	3	0.42
5	Employees over 60	1	0	1	0.14
	Total	22	3	25	3.50

Footnote:

Percentage rate of new employee hires (Total number of new employees x 100/ Total number of employees (714)

The above table excludes trainees and temporary employees.

#### PEOPLE



People Development is a key focus area in our corporate strategy

#### Learning and Development

Coming out of the Employee Benchmark Survey conducted in September 2012, one of the key areas to be addressed was Talent Management Practices. As a result, we have enhanced our People Development Programme, and it is aligned to our commitment to the People element of our new five - (5) year corporate strategy. Priority areas of focus under this programme include:

- Succession management for business critical positions
- The establishment of a formal cycle for learning and development
- Ongoing trainee programmes to sustain the talent pipeline
- An enhanced approach to employee development through the establishment of an

employee exchange programme with external companies

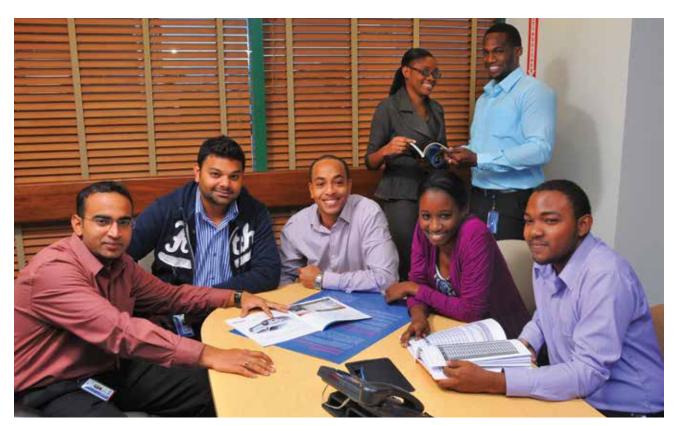
• The development of high potentials

Atlantic has an established performance process system for employees. In 2013, 96% of permanent staff had regular performance and development reviews, i.e. every six (6) months. Of this total, 94% of women had regular performance and development reviews, with 96% of men completing similar reviews. In 2013, we also provided an average of 8-9 hours of training per employee, compared to an average of 5 hours in 2012. Male employees averaged 9.11 hours of training in 2013, compared to an average of 8.23 hours for female employees. Furthermore, training interventions were developed for employees across all employee categories, from clerical and general services staff right up to members of our Leadership Team.

#### Table 11: Number of Training Hours by Employee Category

		Aver	age Hours by Cate	egory		
Clerical and General Services	Technical & Administrative Support	Senior Technical Support	Professional	Senior Professional	Management	Executives
3.76	7.69	8.99	10.77	11.77	8.09	9.48





Our Graduate Trainee Programme helps recent university graduates make the transition from university to the world of work

•

In 2013, the Company implemented a formal Learning and Development cycle with specific focus on Employee Development Plans. This approach is aimed at ensuring that training and development interventions are strategically aligned to the planning of the capability needs of the Company. In 2014, we will work towards implementing approved Employee Development Plans. The Learning and Development cycle will also allow for the development of a succession pipeline to fill key leadership and business critical roles over the long term.

Atlantic continues to focus on maintaining a sustainable talent pipeline, particularly in core areas of the business where we have been recently experiencing challenges with attrition due to the growing demand for skilled personnel across the global LNG industry. Engaging and developing our people for the long term to successfully support our business strategy remains a critical priority. This includes the recruitment and development of resources with the right skills and behaviours to satisfy our present and future needs. We continue to work towards ensuring sustainability of resources in core functions across the organisation, and this focus is already evident through the following programmes:

#### Graduate Trainee Programme -

This programme recruits university graduates from an accredited undergraduate programme, and aims to assist these graduates in making the transition from university life to the world of work. This two - (2) year programme allows them to gain invaluable work experience in their relevant functional area, as well as a broader understanding of the LNG industry, and the energy industry as a whole.

### • Operator Trainee Programme -

This programme seeks to target the holistic development of trainees by exposing them to a process plant operator work environment at our Facility in Point Fortin, while offering formal academic and on-site training. This programme is an industry-driven and regionally-recognised programme, which offers the Level 2 Caribbean Vocational Qualification (CVQ) in Process Plant Operations to graduating trainees.

#### • Apprenticeship Training Programme –

Apprentices in the field of Mechanical Maintenance, Electrical and Instrumentation receive foundation education at the University of



Chief Operating Officer, Arlene Chow (third from left) and Chief Executive Officer, Nigel Darlow (far right) at a farewell event for the first four employees participating in the Atlantic International Exchange Programme

Trinidad and Tobago while receiving on-the-job development in our process plant environment. This allows participants the opportunity to receive a national diploma in their respective fields and like the Operator Trainee Programme, graduate with the regionally recognised Level 2 Caribbean Vocational Qualification (CVQ).

In keeping with this approach, we have developed the Marine Trainee Programme to enable us to strengthen our capability in marine operations. Similar to the Operator Trainee Programme, this programme will offer trainees extensive formal education combined with on-the-job training on our Facility. For the first six (6) months, the trainees will attend classes at the University of Trinidad and Tobago (UTT) as well as site-specific classes at Atlantic, where they will gain the knowledge and understanding of marine operations. This will be followed by a 12-month on-the-job-training component. The long-term objective will be for the programme to be nationally recognised via a TTNVQ in Marine Operations. The first cohort of Marine Trainees has been selected and this pilot programme will run from April 2014 to September 2015.

Our People Development strategy also targets the ongoing development of employees, and in 2013, we launched the Atlantic International Exchange Programme, which facilitates employee exchange with other companies in the global LNG industry. This employee exchange programme is an arrangement between Atlantic and global LNG companies - Queensland Curtis LNG (QCLNG) in Australia and Egyptian LNG - and was developed around the specific needs of the three (3) companies. The programme offers two - (2) year development assignments which provide our employees with the opportunity to work in another LNG company and broaden their experience in LNG operations. Additionally, these employees will gain transferable knowledge and best practice which can be beneficial to our operations. Four (4) Atlantic employees from our Production team assumed their responsibilities at QCLNG in 2013, while two secondees from ELNG have joined our Production team. Looking ahead, we will continue to explore other exchange opportunities and will aim to expand the number of companies in the programme, based on our needs, the needs in the industry and the skills sets of our employees.

Additionally, we began supervisory development interventions in 2013, to develop our employees at the supervisory level, and this programme will continue into 2014.

Along with other development initiatives such as local secondments to shareholder companies, e-learning and internal development assignments, we will continue to progress initiatives which support the potential of our employees over the next year.



# **Employee Engagement**

Coming out of our Employee Satisfaction Survey in 2012, we engaged the teams which had the lowest People Satisfaction Indices. Four (4) focus group sessions were conducted with 22 employees from our Operations, Maintenance and Marine teams to gather detailed information on significant areas of concern. Additionally, individual conversations were conducted with managers as well as their direct reports across these teams, and this information was used to inform the development of a strategic plan to improve satisfaction levels across the relevant departments.



Employees participated in a Wellness Walk as part of our health promotion programme

Leveraging our internal communication channels, such as our electronic employee newsletter, the intranet, plasma screens and face-to-face interactions, such as town-hall meetings, we strive to increase awareness on important activities, policies and events which impact employees and the business. In 2013, we used these channels to raise awareness on issues such as safety, volunteerism, environmental issues, performance updates and new employee initiatives. Employees also participate in monthly department meetings, which provide a forum for persons to raise issues around safety, work activities or employee concerns and provide feedback or suggestions.

Atlantic is committed to strengthening camaraderie across the organisation, inclusive of building



Members of the winning team at the CEO's Sustainability Awards

stronger relationships with our contractor personnel. Our "One Team" spirit is actively promoted through voluntary activities, which in 2013 included the annual Atlantic Power Challenge – a multidiscipline athletic challenge, The Biggest Loser – a health and fitness challenge aimed at engaging employees and contractors around healthier, more active lifestyles, annual internal football, cricket, basketball and athletics competitions and the annual calypso/soca competition.

In 2013, we hosted the fifth annual CEO's Sustainability Awards, an award programme which recognises the innovation and teamwork across the business. The programme is open to all employees, contractors and partners in our community investment programmes. Submission of projects in the categories aligned to our strategic elements is invited – HSSE and Asset Integrity, Corporate Responsibility, People, Cost Management and Value Creation and Production.

# **Benefits**

All full-time employees are eligible to access a range of benefits including group health and life insurance, pension plan, computer and housing loan facilities, and our educational assistance facility. Full-time and temporary employees have access to other benefits which include our Employee Assistance Programme (EAP) services, access to company wellness facilities and programmes, shuttle services to and from Point Fortin and access to the employee day-care facility.

# Supply Chain Management



Our Service Provider Meetings serve as a forum for feedback and suggestions from our service providers

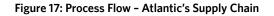
#### **Rationale for Focus**

Our ethical, safety and environmental impacts extend beyond our direct operations to our suppliers, and the goods and services which they provide to us. It is therefore important that our suppliers work responsibly and adhere to the highest standards of ethical conduct, as well as health, safety and environment standards.

The support of our suppliers is also critical to our operations, both in terms of our productivity and our safety. Contractors account for a significant number of on-site personnel, and this number increases during major projects and activities such as Turnarounds, thus representing a significant percentage of our total workforce. In addition, our contractors often perform high-risk activities and so our focus is on ensuring our contractors are aligned to our safety standards and possess the right competencies. At Atlantic, 'Teamwork' is one of our core values and so we have adopted an approach where we build strong relationships across our supply chain in pursuit of a common objective – to deliver our business strategy safely.

#### Atlantic's Supply Chain

Our supply chain is dynamic as it involves all tasks involved in producing LNG to satisfy the customers' need. The process flow diagram (Figure 17), illustrates at a high level what is involved but the supply chain consists of many other stakeholders involved, directly or indirectly, in producing the LNG and bringing it to its final destination.





The supply chain does not only include Atlantic as the LNG manufacturer and its service providers but also the transporters, warehouses services, suppliers of parts, among others, as well as the customers themselves. As such within each area of the flow, there are activities that involve our Service Providers and these activities end when these Providers are paid for their goods or services rendered. In this regard, for Atlantic, supplier relationship management is important as we seek to enhance our relationships with our Providers.

#### **Development of our Supply Chain**

Over the past year Atlantic has engaged in many initiatives to encourage, support and develop local suppliers. These initiatives are as follows -

- Implementation of Fatigue Management guidelines – Atlantic's Fatigue Risk Management Programme has allowed us to make critical interventions in reducing fatigue-related risk. In 2013, service provider companies were asked to comply with the Consecutive Working Period Policy, which imposes a mandatory minimum of one (1) day off for every 14 days or nights worked and recommends one (1) day off for every seven (7) days or nights worked.
- Implementation of Point Lisas Energy Association (PLEA) standard - The PLEA Contractor Passport System serves as the minimum assurance that only suitably trained individuals are allowed to work on all PLEA member company facilities. Atlantic made PLEA certification a mandatory requirement for all contractors working at our sites.

**Introduction of Fit-For-Work Requirements** -Service providers performing high-risk activities are required to undergo a suite of medical tests to determine if they are medically fit to do the work. In preparation for the Train 3 Turnaround in 2013, Fit-for-Work medicals were required for confined space entry, crane operators, persons working with respirators, Emergency Response Technicians, drivers and any person doing any LNG tank work. From 2014, contractor personnel will need to pass the Minimum Medical Standard, which comprises of the UK Oil and Gas medical requirements and a fasting blood glucose test.



A contractor working on our Facility



Director, Turnarounds, Marlon Whiskey (centre) engages service providers at one of our Service Provider Meetings in 2013

In 2010, Atlantic became a signatory to the Safeto-Work (STOW) Charter, demonstrating our commitment to cultivate a strong safety culture among local contractors. The STOW initiative is a joint effort of the Energy Chamber, the Association of Upstream Operators of Trinidad & Tobago (AUOTT) and the Point Lisas Energy Association (PLEA) to develop consistent health, safety, security and environmental (HSSE) requirements to pre-qualify contractors in the energy sector. As a result, in 2013, we revised our pre-qualification process to accept STOW as having met the minimum Health, Safety, Security and Environment (HSSE) standard and as such do not have to complete the HSSE section of our pre-qualification. This section was also revised to be in alignment with the STOW requirements.

With regard to the environmental assessment of suppliers in particular, environmental management is one of the elements evaluated under the STOW process. Companies which are not STOW-certified are required to be evaluated under our HSSE element of the pre-qualification, which mirrors STOW. The environmental assessment includes among other elements, determination of whether companies have a stated Environmental Policy and an Environmental Management System, which would include the identification of processes around activities such as waste disposal and recycling for example. With STOW being a mandatory requirement for all providers, 100% of service provider companies are screened using an environmental criteria, with the Company conducting site visits and requesting additional information where deemed necessary.

Additionally, during the year, Atlantic worked with our service provider companies, particularly those who conduct "High-Risk" activities to ensure they achieved STOW certification by December 31, 2013 – a deadline established by the STOW Board. As of January 1, 2014, those contractors performing high risk activities but not yet STOW-certified would need to be cleared for such work by Atlantic (on a case-by -case basis).

Atlantic also works with service providers to ensure they understand and comply with our governance standards and policies. Our pre-qualification process



includes a governance element which was enhanced to capture all the requirements of our Anti-Bribery and Corruption (ABC) Programme. The information gathered is used to identify any ethical risks in doing business with a company or an individual. In the event of any red flags, due diligence is conducted to facilitate an informed decision as to whether Atlantic should proceed with pre-qualification. This decision is guided by the Contracts Committee.

We maintained our regular service provider meetings, and hosted four (4) successful meetings in 2013. Each meeting was aimed at sharing progress reports and updates as they relate to Health, Safety, Security and the Environment (HSSE), planning for routine maintenance shutdowns and other related business matters. Atlantic ended the year having achieved 23 million man hours without a Lost Time Injury (LTI). In April 2013, when the Company surpassed 20 million manhours, we took the opportunity to recognise the support of our service providers and their significant contribution to the achievement of this milestone. At our second Service Providers' Meeting for 2013, we recognised the 17 service provider companies whose ownership of our safety standards and procedures contributed to this industry-leading achievement.

Atlantic's focus for 2014 is to increase the efficiencies in the supply chain, focusing on four (4) key areas, namely, procurement and warehousing, contract compliance, budgeting and spending management.



Chief Executive Officer, Nigel Darlow presents service provider representatives with tokens of appreciation for their exemplary contribution to Atlantic's safety performance in 2013

# Service Provider Companies recognised for their contribution to safety in 2013

- Caribbean Industrial and Agricultural Chemical Services Limited (CIACS)
- Caribbean Insulation Services Limited (CISL)
- Caribbean Safety Products Limited (CSPL)
- Damus Limited
- Eastern Emergency Response Services Limited (EERSL)
- GE Oil and Gas Nuovo Pignone SPA
- Innovative Security Technologies Limited
- Jokhan General Contractors Limited
- NM Insertech (Caribbean) Limited
- NM Supply Chain Integrators Limited
- Paramount Transport and Trading Company Limited
- Point Fortin Contracting Company Limited (PFCCL)
- Reliability Maintenance Services Limited
- Scaffolding Manufacturers (Trinidad) Limited
- Shade General Contractors Limited
- Svitzer Marine Trinidad and Tobago
- Theo Richards General Contractors Limited

# **Community Development**



Participants in the Atlantic National Primary Schools' Football League

#### **Rationale for Focus**

We see our role as a producer of Liquefied Natural Gas (LNG) as not just a significant contributor to the national economy, but also as a champion for change in our communities. With the co-operation of stakeholders at the community level, we have identified opportunities which are key to sustainable community development. By playing an active role in our communities, we believe we are creating avenues through which human potential and community development can be unlocked.

#### **Community Engagement**

Atlantic's facility is located in the south-west region of Trinidad, in the community of Point Fortin, which we refer to as our operating community. As a result, the Company has a proactive engagement strategy with community stakeholders in Point Fortin, including local government officials, the business community, schools and residents. An internal assessment of our community-based stakeholders is conducted annually, identifying areas of opportunity and risk, as well as the necessary engagement activities required to address any risk. Our engagement activities vary from regular face-to-face meetings or interactions, to site visits and roll-outs, with topics ranging from emergency response, contractor management and capacitybuilding community interventions. Our responses to community concerns or complaints are recorded and acknowledged. We monitor our progress in closing out any related actions. Furthermore, we maintain regular communication with the complainant to update them on the status and/or outcome of their grievance, where needed. The concerns recorded allow us to identify any trends or emerging issues in the community, which we can then address. Over the past five (5) years, we have seen a downward trend in the number of community concerns raised.

#### **Atlantic in Point Fortin**

We continue to engage various stakeholders in Point Fortin and its environs, with the aim of developing interventions which are relevant to the needs of the communities and which will facilitate their growth and development in the long term.

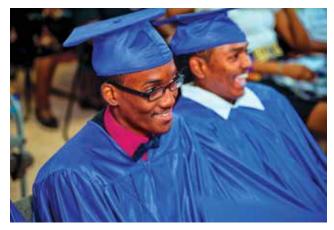
#### Atlantic/Inter-American Development Bank Local Economic Development (LED) Programme

The Local Economic Development (LED) Programme was developed to define sustainable interventions which promote social and economic development in areas where the extraction and processing of hydrocarbons have traditionally dominated industrial activity, but where poverty and unemployment are significant concerns. The programme seeks to build institutional and human capabilities to support economic diversification, the development of micro, small and medium enterprises and the improvement of social conditions in the communities along the south-west peninsula. Since its launch in 2012, the programme has been focused on the communities of Point Fortin, in which our production facility is located, as well as, La Brea, Chatham, Buenos Ayres, Cedros and Icacos which are mainly rural, coastal communities.

In 2013, 50 existing and potential entrepreneurs participated in an interactive workshop which exposed them to micro-financing options and facilities. Furthermore, 132 persons took part in business training sessions which focused on basic business principles and operations. Of this number, 66 persons undertook further training which focused on specialty products, health and safety, as well as the use of technology in business operations. Forty (40) of these participants are currently part of a mentorship programme which will culminate in the completion of business plans aimed at developing and enhancing their small business enterprises.

In 2014, the programme will launch a microfinancing facility - the Loan for Enterprise and Network Development (LEND) Agency. This agency will provide small entrepreneurs focused on startups in the tourism, fishing and agricultural sectors with access to small loans for business development. Additionally, a forum aimed at providing a space for potential investors and key stakeholders to network and build relationships aimed at supporting MSME activity in the region will also be held in 2014.

The programme also has as its focus young people who are deemed "at-risk", and aims to create opportunities which will support playing a more active role in local economic activity. To this end, in 2013, the Point Fortin Primary Schools Literacy and Numeracy Intervention Programme was launched. This programme, a joint initiative between Atlantic and the Ministry of Education (St Patrick District), aims to directly combat the growing rate of functional illiteracy and innumeracy in the community and will include a series of assessments, remedial interventions and monitoring and evaluation. The programme will also seek to upgrade school libraries and in some instances, classrooms will also be retrofitted to facilitate "listening centres" for students, to support reading activities and language learning.



Graduates of the Servol Adolescent Development Programme

#### Servol Adolescent Development Programme (ADP)

In 2007, through consultation with the relevant stakeholders, Atlantic invested in the establishment of the Servol Adolescent Development Programme

(ADP), with the core objective being to deliver an integrated human development programme which would seek to alleviate poverty through the empowerment of children, adults and communities, deemed "at-risk".

In 2013, the programme saw the graduation of 31 students from the core element – the Adolescent Development Programme – while over 40 students participated in the skills component of the programme, where they were exposed to skills training in areas such as beauty culture and computer literacy and computer graphics.

During the year, students at the centre participated in the Ministry of Community Development's "Best Village" competition and won places for submissions in the categories "Best Art Piece", "Best Youth Display" and "Best Beautification Project". The school conducted fundraisers during the year which supported the income of the programme.

#### **Nature Nurture Programme**

Atlantic, in collaboration with partner energy companies, bpTT and BG T&T formed the Energy Alliance in 2009, seeking to address the issue of children in need of rehabilitation and support following incidents of violent crime, particularly familial homicide. The Nature Nurture Camp Programme was developed as an intervention for such children who stood a high risk of falling into similar patterns of crime and homicide. This therapeutic camp was originally targeted at boys between the ages of 8 - 12 who would have lost a significant relative to homicide. Participants were selected via a screening process which included comprehensive psychological testing aimed at assisting with the identification and profiling of boys most affected and most likely to benefit from this intervention. The camp is structured for participants to reside in a safe location away from their communities for a two - (2) week period over the July-August vacation, with a follow-up camp being held during the Easter period aimed at assessing the emotional growth of the boys. Camp activities include clinical group sessions, interactive sport/fun sessions and parenting workshops.

In 2013, the camp evolved to include young girls, between the ages of 8 – 12 who have also been

affected by homicide, among the target audience. Ten (10) girls graduated from the programme in 2013, along with 17 boys.

A key component of this intervention is the pairing of participants with mentors for at least one (1) year, as a means of additional support and guidance beyond the camps. In 2013, 35 mentors were trained, including employees of the companies which make up the Energy Alliance. It is expected that the camps for both boys and girls will continue into 2014, implementing the lessons learnt from the previous year to further develop the girls' camp component. These lessons can also be applied to further strengthen the camp so that it may serve as a model that can be adopted in other communities.



A young cricketer in the WIPA in the Community Programme

#### WIPA in the Community

Atlantic continues to maintain its partnership with the West Indies Players' Association (WIPA) in its commitment to engage young children in positive behaviours through cricket. The programme has also enhanced the overall standard of cricketing performance among Point Fortin primary schools. In 2013, the Point Fortin ASJA Primary School's girls' team made it to the semi-final round of the Atlantic National Primary Schools' Cricket League. This marked the first time a Point Fortin primary school team made it to such an advanced stage in the national cricket league.





Vice President, Corporate Operations, C. Toni Sirju-Ramnarine (far left) and Chief Executive Officer, Nigel Darlow (far right) chat with students from the 2013 cohort of Atlantic's Point Fortin's Finest Leadership Development Programme

The WIPA in the Community Programme entered its sixth year of operation in 2013. There were 1,888 participants in the programme from 23 schools (18 primary schools and five (5) secondary schools) from La Brea to Icacos. During the period, the programme saw the addition of a Cricket Development Officer, which aimed to ensure that there are not only enough coaches present at each session, but also to ensure that the coaching is of the highest standard.

As part of its development activities, the programme also certified 25 coaches through Cricket Australia, with the coaches attaining a Level One Community Coaching Certification. Through formal training and tutelage, the coaches now have a greater understanding of modern techniques needed to coach cricket, particularly at a junior level. The coaches comprised persons from the WIPA in the Community Programme, as well as coaches from community-based cricket clubs in the south-west region.

The programme also hosted the Point Fortin Borough Cricket League, which engages 14 cricket clubs from within the community and contributes to club development and community engagement. In 2014, it is expected that an Under-13 boys' team selected from the programme's "Elite" players, will participate in the Charlie Griffith Preparatory Tournament in Barbados, presenting them with the chance to hone their talents on a regional tour.

## Point Fortin's Finest Leadership Development Programme

Established in 2000, our Point Fortin's Finest Leadership Development Programme is our longestrunning programme. This scholarship programme recognises the top 10 students graduating from primary schools in Point Fortin, that is, those students from the community who scored the highest in the Secondary Entrance Assessment examination. The scholarship provides these students with financial support throughout secondary school and also supports them at the tertiary level, allowing them to study for their first degree. Additionally, the programme also includes a vacation camp and "world of work" experience where they have the opportunity to work for Atlantic during the July/August vacation period.

As at 2013, the number of students on the Point Fortin's Finest Honour Roll stands at 139. Additionally, there are five (5) recent graduates of the programme who have been successful in obtaining employment at Atlantic relevant to their chosen careers.



Atlantic employees often volunteer to assist in the completion of homes for recipients under the Habitat for Humanity Home Covenant Programme

#### **Habitat for Humanity**

Atlantic has a five - (5) year covenant agreement with Habitat for Humanity of Trinidad and Tobago (HFHTT), to provide home solutions for 25 families in Point Fortin and its environs. The year 2013 marked the fourth year of this agreement, under which Atlantic provides on average TT\$100,000 towards the construction of each home and the home partner agrees to contribute 300 "sweat equity" hours, meaning they must put 100 hours in labour for their home and 200 hours to the construction of homes for other beneficiaries. To date, we have provided home solutions for 14 families, with six (6) families currently being served.

Once the homes are completed, the families are required to make a minimal mortgage payment, the proceeds of which go to the "Fund for Humanity" – a revolving fund which pays upfront costs for home solutions for families who may not have a corporate donor. In this way, the programme becomes sustainable and helps other low-income families achieve the goal of home ownership. One challenge faced was that of the non-payment of mortgages by homeowners, and consultation with the home



An Atlantic employee assists the recipient of a Habitat for Humanity Home Solution plant a tree in front of her new home

partners was conducted to determine the best way forward. In addition, the programme will provide training in financial literacy for families to support the payment of mortgages.

#### **Atlantic Primary Schools' Invitational Swim Meet**

For the past four (4) years, Atlantic has been hosting an invitational swim meet for primary school students, which is aimed at developing the sport of swimming in Point Fortin and its environs. The programme was





Winners of the 2013 Atlantic National Primary Schools' Football League (Boys' Under 15), Eastern Boys' Government Primary School

initially exclusive to schools in the community, but for the past two (2) years, competition has been opened up to include schools and clubs outside Point Fortin. Over 30 schools and clubs from across the country have since participated in this event, with as many as 250 swimmers participating in 2013.

In February 2013, Atlantic started the "Learn-to-Swim" Programme, which targets primary school children and exposes them to basic swimming techniques. The invitational swim meet therefore provides an invaluable opportunity for these young swimmers to develop their skills in a competitive environment.

### **Our Investment in National Programmes**

Our community development also includes supporting programmes which target the wider national community, and which have long-term positive impact on human development and the environment. In 2013, we maintained our support in the area of sport development among primary school children, education through technology and marine sea turtle conservation.



Atlantic Sports Ambassador, George Bovell III presents prizes at the Atlantic Primary Schools' Invitational Swim Meet

At the end of 2012, the Atlantic Sports Ambassadors Programme was launched, aimed at using the professional and personal experiences of five (5) of the country's talented sporting personalities to inspire and motivate young children. Throughout the year, our ambassadors – Kieron Pollard, Sunil Narine and Merissa Aguilleira (cricket), along with George Bovell III (swimming) and Andrew Lewis (sailing) partnered with the Company on initiatives which



Atlantic Sports Ambassador and Captain of the West Indies women's cricket team, Merissa Aguilleira (centre) with award winners at the prize-giving function for the Atlantic National Primary Schools' Cricket League

were aimed at supporting our commitment to youth development.

Atlantic maintained its position as title sponsor of the Atlantic National Primary Schools' Cricket League, the Atlantic National Primary Schools' Football League and the Atlantic National Primary Schools' Track and Field Championships. These national competitions provide primary school pupils across the country with the platform via which they can develop fundamental techniques in each discipline via coaching and competition. In addition, the nature of sport provides for the transfer of lessons around discipline, teamwork and other such life lessons which lend to the holistic development of young children. In 2013, Atlantic celebrated 10 years of sponsoring primary school cricket through the Atlantic National Primary Schools' Cricket League, which continues to produce talented cricketers who go on to play at the national and regional levels. We celebrated such cricketers as Stephen Katwaroo, Justin Joseph and Felicia Walters, who all participated in the Atlantic National Primary Schools' Cricket League, and have gone on to play at various levels on the Trinidad and Tobago and West Indies teams.

With the ongoing success of our young cricketers, we also took the opportunity to provide additional support aimed at allowing our most promising young talent to maximise their potential. In 2013, Atlantic partnered with Atlantic Sports Ambassador and Trinidad and Tobago and West Indies allrounder, Kieron Pollard on a cricket scholarship. The scholarship was first developed by Pollard to give one (1) young cricketer the opportunity to gain international experience through playing county cricket in the United Kingdom. With Atlantic's support, the Atlantic/Kieron Pollard Scholarship now allows two (2) cricketers to play with an English county side during the county season, and also covers airfare, accommodation and living expenses.

Finally, our support of the national primary school sporting programmes has allowed for greater participation from schools across the country, which exposes more children to the basics of the various disciplines. In order to augment the benefits of such exposure, Atlantic introduced the Atlantic Coaching Excellence Programme (ACE). First launched in 2012, the ACE Programme was implemented in 2013, focusing on cricket and football coaches at the primary school level, and aimed at building the coaching capabilities of primary school coaches. In the first year of the programme, 150 cricket coaches and 146 football coaches gained internationally recognised Level One certifications in their respective disciplines. This programme will continue in 2014, with the second tranche of cricket and football coaches. Additionally, plans are underway to develop a similar intervention for primary school track and



### **COMMUNITY DEVELOPMENT**

field coaches. In the long term, we expect that schools participating in our national primary school programmes will all have access to an ACE-certified coach, thus raising the standard of competition and developing young talent in a more systematic and professional way.

Along with Olympic and World Championship swimmer, George Bovell III, and other partners, a series of free swim clinics was hosted at different locations which targeted swimmers over the age of 11 and sought to strengthen their skills in the four (4) strokes as well as other techniques.

Our other ambassadors partnered with Atlantic to host camps for the children of employees. Olympic sailor, Andrew Lewis hosted a two - (2) day sailing camp at Vessigny Beach, and cricketers Kieron Pollard and Merissa Aguilleira spent their time teaching the children the basic techniques of bowling, batting and fielding.

Additionally, Atlantic partnered with Andrew Lewis in a charity fundraising movie event aimed at raising funds for the Dyslexia Association of Trinidad and Tobago and the Special Child Foundation. The event also served to raise awareness of learning challenges, with Lewis sharing his personal experiences as a child diagnosed with dyslexia and Attention Deficit Disorder (ADD). This initiative raised TT\$86,450.00 to which Atlantic donated just over TT\$113,000, which allowed both organisations to benefit from TT\$100,000 each to progress the work they do nationally.

The Atlantic Ultimate Field Trip, which is our educational partnership with Giant Screen Entertainment Limited (franchise holder for IMAX locally) continued in 2013, and attracting students from primary and secondary schools across Trinidad and Tobago. As the official sole educational sponsor, Atlantic's investment facilitates the screening of educational documentaries on current issues such as climate change, man's relationship with the marine eco-system and wildlife. In 2013, we introduced two (2) new movies - To the Arctic and Galapagos. One of the major challenges in 2013, was attracting students/schools to the programme. During the 2013 academic year, student visits were down to 12,570 from 16,416 in the same period in 2012. This will be an area of focus in 2014.

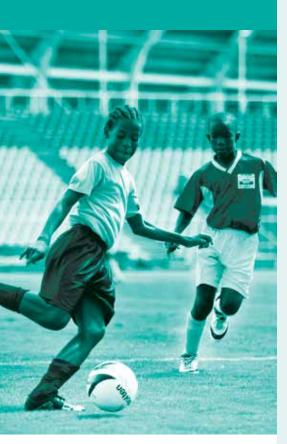


A pupil using one of the interactive screens which are part of the Atlantic Ultimate Field Trip

Atlantic also sponsors the National Sea Turtle Tagging and Monitoring Programme, which falls under the Turtle Village Trust (TVT). This programme supports and facilitates the tagging of sea turtles – the leatherback, hawksbill and green turtles - which visit our index beaches of Grande Riviere, Matura and Turtle Beach in Tobago. In 2013, TVT conducted three (3) training programmes which certified 70 community group members in sea turtle tagging and data collection. The programme also facilitated the training and certification of TVT staff and community group volunteers in offshore monitoring survey techniques and associated data collection methods including species identification, use of GPS and PIT tag readers, and aiding of disoriented turtles.

Atlantic has committed to supporting the tagging and monitoring of sea turtles for the next three (3) years. In 2014, we will facilitate the introduction of geo-tagging in a pilot exercise to track the migratory patterns of 10 turtles in the first instance. In addition, Atlantic will support a hatchery programme which is aimed at mitigating nest losses from erosion and overcrowding.

# Case Study



Sport has the power to transcend socio-economic and cultural boundaries. Atlantic recognises the positive impact sport has on the development of Trinidad and Tobago's youth and as such sponsors three (3) national sporting programmes the Atlantic National Primary Schools' Cricket League, the Atlantic National Primary Schools' Football League and the Atlantic National Primary Schools' Track and Field Championships. With an average of 250 schools participating in each of these programmes, Atlantic saw an opportunity to further develop the potential of our nation's young people, through the development of the Atlantic Coaching Excellence (ACE) Programme.

## **COMMUNITY DEVELOPMENT**

# Developing Coaching Excellence for Future Sporting Success

The Atlantic Coaching Excellence (ACE) Programme was created as Atlantic realised the need to build the capacity of coaches at the critical primary school level. Before the ACE Programme was introduced, many primary schools relied on the goodwill of teachers, relatives or members of the community, who had a passion for cricket and football. However, most of these coaches had no coaching experience or training which is necessary to train young children at that critical developmental stage.

Atlantic therefore saw an opportunity to build the capability of these individuals to ensure a high level of technical ability, as well as an understanding of the non-technical requirements of junior coaching. The ACE Programme aims to train and assess primary school coaches, with the objective of having them professionally certified to coach young children.

Over a three - (3) year period, Atlantic will seek to ensure all primary school cricket and football coaches are certified. Coaches are nominated to participate in this programme by their respective primary school sporting leagues, and it is our hope that this programme will increase access to professional coaching at the primary school level. Furthermore, by ensuring more schools have access to professionally certified coaches, it is anticipated that the performances of our young cricketers and footballers will improve, and such training will better prepare them for the next level of their sporting development.

ACE cricket training is co-ordinated by the West Indies Players' Association in conjunction with Cricket Australia. Coaches who have successfully completed the training in 2013 were awarded a Level One Coaching Certification. Darren Holder, a former Coaching Manager for the West Indies Cricket Board and a Level 3 Performance coach and assessor with Cricket Australia facilitates the certification of cricket coaches. During the first year of the programme 150 coaches were certified.

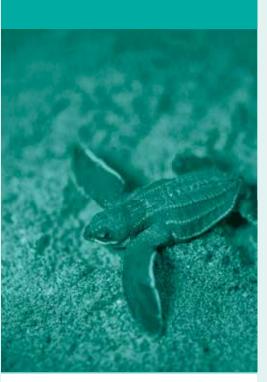
Atlantic has partnered with the Trinidad and Tobago Football Association (TTFA) to certify primary school football coaches. Facilitated by Anton Corneal, approved FIFA instructor, the certification programme for football resulted in 146 coaches being certified with a Level One coaching certification in 2013.

Additionally, the programme also facilitates a one-day symposium for both cricket and football coaches which is aimed at reinforcing the importance of the coach's role as a mentor and advisor to young children. In 2013, the symposium explored issues in sport and life such as the effects of bullying, the role of coaches as mentors and motivators and the importance of nutrition in the life of an athlete.

Atlantic continues to explore opportunities which will create the right environment and provide the most effective resources via which young people can develop their full potential.



# Case Study



Sea turtles are an invaluable natural resource, but they are also listed as an Endangered Species by the International Union for Conservation of Nature (IUCN). It is therefore imperative that targeted action be taken to mitigate the loss of these beautiful creatures, and create a future which includes a healthy population of sea turtles for new generations. Through our support of the National Sea Turtle Tagging and Monitoring Programme, Atlantic is demonstrating a commitment strong to environmental conservation and more importantly, strengthening local efforts aimed at protecting our sea turtle population.

**COMMUNITY DEVELOPMENT** 

# Supporting Villages which Turtles can Trust

Trinidad and Tobago supports one of the largest populations of nesting leatherback turtles in the world. When the Turtle Village Trust (TVT) was established in 2006, one of its primary objectives was to halt the trend of isolated and disjointed conservation efforts across Trinidad and Tobago. Instead, the Trust sought to build on the synergies of turtle communities in order to address the challenges of sea turtle protection, as well as explore the opportunities for sustainable tourism. One element of the Trust's activities is the National Sea Turtle Tagging and Monitoring Programme which supports and facilitates the tagging of sea turtles which nest on our beaches, which include the leatherback, hawksbill and green turtles. This programme comprises two (2) elements – an Onshore Monitoring Programme which facilitates monitoring on nesting beaches and tagging and data collection; and an Offshore Monitoring Programme, which was designed and implemented to facilitate research into the foraging habits of resident green and hawksbill turtles.

Since 2008, Atlantic has been the sole sponsor of this programme, which continues to support the work of the various turtle conservation groups on both islands. Activities which are supported under this programme include nightly patrols on nesting beaches, and tagging and the associated data collection. The research has shown that for the 2013 season, there were 8,256 confirmed or estimated layings by 5,140 leatherback turtles. Based on the number of nests, it is estimated that the 2013 turtle population consisted of 10,280 nesting females, which is in contrast with the 2012 estimate of 4,464 female turtles. However, the data in 2013 was collected from 42 beaches and nesting sites, an expansion of the territory that was monitored in the previous 10 years of the turtle census, which previously only covered six (6) index beaches – Fishing Pond, Grande Riviere, and Matura in Trinidad, and Turtle Beach, Mt Irvine and Stonehaven Bay in Tobago.

The National Sea Turtle Tagging and Monitoring Programme also facilitates monitoring of nests to ensure hatchling success, and in-water surveys of foraging hawksbill and green turtles which assist in identifying critical foraging habitats that deserve protection. Furthermore, the programme creates training opportunities for community volunteers in an effort to build local sea turtle conservation capacity.

Our commitment to national turtle conservation efforts also extends to stakeholder engagement, and we use every opportunity to raise awareness and educate persons on the country's sea turtle population and the work being done to protect it. This includes internal campaigns and turtle watching tours for employees and their families, as well as external stakeholders. In 2013, we hosted members of the media and two (2) of our Atlantic Sports Ambassadors – Andrew Lewis and Merissa Aguilleira – on a turtle watching tour to Grande Riviere. Similar activities will be conducted in 2014, as we continue to promote environmental stewardship and develop interventions aimed at building capability among our turtle conservation groups.

### **COMMUNITY DEVELOPMENT**



Atlantic and the University of Trinidad and Tobago (UTT) celebrated the success of the participants of the Atlantic/UTT Agricultural Enterprise Training Programme

Finally, in 2013 Atlantic along with our partner, the University of Trinidad and Tobago (UTT) expanded the Agricultural Enterprise Training Programme. This programme was first established in 2010, and was aimed at building capability among farmers in Point Fortin and environs. The 12-week course was developed to focus both on traditional elements of farming, as well as skills tailored to develop a modern agricultural enterprise including financial literacy, marketing, Internet skills and business development.

In 2013, this programme was opened up to the wider national community to encourage more persons to actively participate in the local agricultural sector. This National Agricultural Business Training Programme seeks to address the issue of food security on a national level, by establishing and equipping agribusiness enterprises to compete locally and regionally. Since its inception, 90 farmers, including the 2013 national intake, have been trained in a range of enterprises including apiculture, organic farming and animal rearing. The 30 farmers who comprise the first nationally sourced intake will graduate in 2014, and a new intake will be recruited into the programme.

In addition to our support of these annual programmes, we also support other activities based on requests. In 2013, we received 385 requests for sponsorship, and the total spend in this area was US\$105,000. Of these requests, 205 were approved,

85 were declined and 64 were not considered as they were not aligned to our Sponsorship Policy.

#### **Governance Process for our Community Investments**

Atlantic's Sustainability Committee is accountable for our sustainability programmes. This committee provides leadership and oversight over strategy and policy, and has responsibility for the evaluation and approval of new proposals for sustainability initiatives, the management of compliance with Atlantic's Business Principles and governance mechanisms, and the review of sustainability performance. The Sustainability Committee is governed by the Sustainability Committee Terms of Reference.

The Sponsorship Committee, governed by the Sponsorship Policy, considers and approves strategic partnerships that are aligned with Atlantic's brand values and corporate governance mechanisms.

All entities selected to deliver programmes to communities or groups are contracted with specific scopes of work and timelines. These organisations are expected to adhere to Atlantic's Code of Ethics, Anti-Bribery and Corruption Policy and Business Principles, as well as our HSSE requirements. In order to deepen understanding around Atlantic's values, regular meetings and site visits were conducted in 2013. Formal audits may also be requested at any time.



### **Donations and Other Contributions**

Atlantic receives numerous requests for assistance on behalf of individuals, groups and organisations for a wide variety of reasons. Requests are assessed using our Due Diligence Standard before being considered. Criteria for assessment include whether the beneficiaries are children, individuals or groups and the nature of need – education, illness, matching funds in support of community or self-help programmes. The Donations Committee considers these requests in line with our Donations Guidelines, which are part of our governance structure.

In 2013, we received 566 requests for donations and we spent US\$394,351 in this area. Of this total number of requests, 238 were approved, 68 were declined and 254 were not considered as they were not aligned to our Donations Policy.



The Atlantic National Primary Schools' Track and Field Championships is one of the national programmes which we support

Table 12: Expenditure - Sustainability Programmes
(2012-2013)

Programme	Expenditure (US\$)		
	(2012)	(2013)	
4H Seeds of Hope	43,306	47,060	
Atlantic/UTT Agricultural Enterprise Training	3,961	29,715	
Atlantic/Real Madrid Social Sport Programme	111,011	149,410	
NEW - Atlantic Schools' Aquatic Programme (Learn-to-Swim)	-	45,348	
Nature Nurture Programme	19,068	25,000	
National Energy Skills Centre Training	26,500	30,946	
Habitat for Humanity Home Covenant Programme	78,125	77,519	
Point Fortin's Finest	90,118	101,160	
Servol – Adolescent Development Programme	74,114	57,231	
Sport for Life	91,670	59,319	
WIPA in the Community	418,624	356,300	
Atlantic Invitational Swim Meet	5,929	8,588	
Atlantic National Primary Schools' Football League	55,123	54,495	
Atlantic National Primary Schools' Cricket League	68,786	61,922	
Atlantic National Primary Schools' Track and Field Championships	23,400	31,008	
Atlantic Ultimate Field Trip (IMAX)	58,789	108,527	
National Sea Turtle Tagging and Monitoring Programme	288,444	152,358	
Atlantic/IDB LED Programme	28,822	102,178	
TOTAL	1,485,790	1,498,084	

Standard Disclosure	Standard Disclosure Title	Reported	Reference	External Assurance	Comments
	G	ENERAL STAN	NDARD DISCLOSURES		
STRATEGY	AND ANALYSIS				
G4-1	Statement from the most senior decision-maker	Yes	Message from the Chairman Report from the Chief Executive Officer	Yes	
ORGANISA	TIONAL PROFILE				
G4-3 G4-4	Name of the organisation Primary brands, products, and services	Yes Yes	Organisational Profile Organisational Profile	Yes Yes	
G4-5 G4-6	Location of the organisation's headquarters Number of countries where the organisation operates	Yes Yes	Organisational Profile Organisational Profile	Yes Yes	
G4-7	Nature of ownership and legal form	Yes	Organisational Profile	Yes	
G4-8 G4-9	Markets served Scale of the organisation	Yes Yes	Organisational Profile Organisational Profile	No No	Net sales and capitalisation are omitted due to legal reasons
G4-10	Workforce	Yes	Organisational Profile	No	
G4-11	Percentage of total employees covered by collective bargaining agreements	Yes	GRI Index	Yes	The organisation does not have unions or collective bargaining agreements with employees
G4-12	Supply chain	Yes	Supply Chain Management	No	
G4-13	Significant changes during the reporting period	Yes	Organisational Profile	No	
G4-14	Precautionary approach	Yes	Commitments to External Initiatives	No	
G4-15	External charters, principles, or other initiatives	Yes	Commitments to External Initiatives	No	
G4-16	Memberships of associations	Yes	Commitments to External Initiatives	No	



Standard Disclosure	Standard Disclosure Title	Reported	Reference	External Assurance	Comments
	G	ENERAL STAN	IDARD DISCLOSURES		
IDENTIFIED	MATERIAL ASPECTS AND E	BOUNDARIES			
G4-17	Entities included in the organisation's consolidated performance	Yes	Organisational Profile	Yes	
G4-18	Process for defining report content and aspect boundaries	Yes	About this Report	Yes	
G4-19	Material aspects	Yes	About this Report - Material Issues	Yes	
G4-20	Aspect boundaries within the organisation	Yes	About this Report - Material Issues	Yes	
G4-21	Aspect boundaries outside the organisation	Yes	About this Report - Material Issues	Yes	
G4-22	Effect of any restatements	Yes	GRI Index	Yes	There were not any restatements of information during the reporting year
G4-23	Significant changes from previous reporting period	Yes	GRI Index	Yes	There were significant changes during the reporting year
STAKEHOL	DER ENGAGEMENT				
G4-24	Stakeholder groups engaged by the organisation	Yes	Our Stakeholders	Yes	
G4-25	Basis for identification and selection of stakeholders with whom to engage.	Yes	Our Stakeholders	Yes	
G4-26	Approach to stakeholder engagement	Yes	Our Stakeholders	Yes	
G4-27	Key topics and concerns raised by stakeholders	Yes	Our Stakeholders	Yes	Key topics and concerns raised by stakeholders are not reported given that the Company had not consolidated this information by the end of 2013

Standard Disclosure	Standard Disclosure Title	Reported	Reference	External Assurance	Comments		
GENERAL STANDARD DISCLOSURES							
REPORT PR	OFILE						
G4-28	Reporting period	Yes	About this Report	No			
G4-29	Date of most recent previous report	Yes	About this Report	No			
G4-30	Reporting cycle	Yes	About this Report	No			
G4-31	Contact point for questions regarding report	Yes	About this Report	No			
G4-32	In accordance option chosen	Yes	About this Report	Yes			
G4-33	Assurance	Yes	About this Report	Yes			
GOVERNAM	NCE						
G4-34	Governance structure of organisation	Yes	Governance and Ethical Conduct	Yes			
ETHICS AN	D INTEGRITY						
G4-56	Organisation's values, principles and norms of behaviour	Yes	Governance and Ethical Conduct	Yes			
	S	PECIFIC STAN	IDARD DISCLOSURES				
CATEGORY	: ECONOMIC						
ASPECT: EC	CONOMIC PERFORMANCE						
G4-DMA	Generic Disclosures on Management Approach	Yes	Performance Overview - 2013				
G4-EC1	Direct economic value generated and distributed	Yes	Community Development	No	Revenues, operating costs, employee wages and benefits, and value retained are omitted due to legal reasons		
ASPECT: IN	DIRECT ECONOMIC IMPACT	rs					
G4-DMA	Generic Disclosures on Management Approach	No		No			
G4-EC7	Development and impact of infrastructure investments and services supported	No		No			



Standard Disclosure	Standard Disclosure Title	Reported	Reference	External Assurance	Comments
	Si	PECIFIC STAN	IDARD DISCLOSURES		
ASPECT: PR	ROCUREMENT PRACTICES				
G4-DMA	Generic Disclosures on Management Approach	Yes	Supply Chain Management – Development of our Supply Chain	Yes	
G4-EC9	Proportion of spending on local suppliers at significant locations of operation	Yes	Perfomance Overview 2013 – Cost Management and Value Creation	No	
CATEGORY	: ENVIRONMENTAL				
ASPECT: EN	NERGY				
G4-DMA	Generic Disclosures on Management Approach	Yes	Managing our Environmental Impact	Yes	
G4-EN3	Energy consumption within the organisation	Yes	Energy	No	
G4-EN5	Energy intensity	Yes	Energy	No	
ASPECT: EN	MISSIONS				
G4-DMA	Generic Disclosures on Management Approach	Yes	Managing our Environmental Impact	Yes	
G4-EN15	Direct greenhouse gas (GHG) emissions (Scope 1)	Yes	Emissions	No	
G4-EN18	Greenhouse gas (GHG) emissions intensity	Yes	Emissions	No	
G4-EN19	Reduction of greenhouse gas (GHG) emissions	Yes	Emissions	No	
ASPECT: EF	FLUENTS AND WASTE				
G4-DMA	Generic Disclosures on Management Approach	Yes	Managing our Environmental Impact	Yes	
G4-EN23	Total weight of waste by type and disposal method	Yes	Effluents and Waste	No	
G4-EN24	Total number and volume of significant spills	Yes	Spills	No	
OG - 6	Volume of flared and vented hydrocarbon	No		No	

Standard Disclosure	Standard Disclosure Title	Reported	Reference	External Assurance	Comments				
	S	PECIFIC STAN	DARD DISCLOSURES						
CATEGORY	CATEGORY: ENVIRONMENTAL								
ASPECT: TR	ANSPORT								
G4-DMA	Generic Disclosures on Management Approach	Yes	Development of our Supply Chain	Yes					
G4-EN30	Significant environmental impacts of transporting products and other goods and materials for the organisation's operations, and transporting members of the workforce	No		No					
ASPECT: SU	IPPLIER ENVIRONMENTAL A	SSESSMENT							
G4-DMA	Generic Disclosures on Management Approach	Yes	Development of our Supply Chain	Yes					
G4-EN32	Percentage of new suppliers that were screened using environmental criteria	Yes	Development of our Supply Chain	Yes					
CATEGORY	SOCIAL								
SUB-CATEO	GORY: LABOUR PRACTICES	AND DECENT	WORK						
ASPECT: EN	<b>IPLOYMENT</b>								
G4-DMA	Generic Disclosures on Management Approach	Yes	Managing our Talent	Yes					
G4-LA1	Total number and rates of new employee hires and employee turnover by age group, gender and region	Yes	Managing our Talent	Yes					
G4-LA2	Benefits provided to full-time employees that are not provided to temporary or part-time employees, by significant locations of operation	Yes	Managing our Talent	Yes					



Standard Disclosure	Standard Disclosure Title	Reported	Reference	External Assurance	Comments				
	S	PECIFIC STAN	DARD DISCLOSURES						
CATEGORY	CATEGORY: SOCIAL								
SUB-CATEG	SUB-CATEGORY: LABOUR PRACTICES AND DECENT WORK								
ASPECT: OC	CCUPATIONAL HEALTH AND	SAFETY							
G4-DMA	Generic Disclosures on Management Approach	Yes	Managing our Personal Safety	Yes					
G4-LA6	Type of injury and rates of injury, occupational diseases, lost days, and absenteeism, and total number of work-related fatalities, by region and by gender	Yes	Managing Safety during Major Activities – 2013 Injury Statistics	Yes					
ASPECT: TR	AINING AND EDUCATION								
G4-DMA	Generic Disclosures on Management Approach	Yes	Learning and Development	Yes					
G4-LA9	Average hours of training per year per employee by gender, and by employee category	Yes	Learning and Development - Number of Training Hours by Gender	Yes					
G4-LA11	Percentage of employees receiving regular performance and career development reviews, by gender and by employee category	Yes	Learning and Development	Yes					
ASPECT: LA	BOUR PRACTICES GRIEVAN	CE MECHANI	SMS						
G4-DMA	Generic Disclosures on Management Approach	Yes	Anti-Bribery and Corruption (ABC) Programme	Yes					
G4-LA16	Number of grievances about labour practices filed, addressed, and resolved through formal grievance mechanisms	Yes	Anti-Bribery and Corruption ABC) Programme	No					

## GRI G4 INDEX 2013

Standard Disclosure	Standard Disclosure Title	Reported	Reference	External Assurance	Comments
	SP	ECIFIC STAN	IDARD DISCLOSURES		
SUB-CATEO	ORY: SOCIETY				
ASPECT: LO					
G4-DMA	Generic Disclosures on Management Approach	Yes	Community Development - Community Engagement	Yes	
G4-SO1	Percentage of operations with implemented local community engagement, impact assessments, and development programmes	Yes	Community Development	Yes	
ASPECT: AN	ITI-CORRUPTION				
G4-DMA	Generic Disclosures on Management Approach	Yes	Anti-Bribery and Corruption (ABC) Programme	Yes	
G4-SO4	Communication and training on anti-corruption policies and procedures	Yes	Anti-Bribery and Corruption (ABC) Programme	No	
ASPECT: CC	OMPLIANCE				
G4-DMA	Generic Disclosures on Management Approach	Yes	Anti-Bribery and Corruption (ABC) Programme	Yes	
G4-SO8	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with laws and regulations	Yes	Anti-Bribery and Corruption (ABC) Programme	No	
ASPECT: GF	RIEVANCE MECHANISMS FOR	R IMPACTS O	N SOCIETY		
G4-DMA	Generic Disclosures on Management Approach	Yes	Community Development - Community Engagement	Yes	
G4-SO11	Number of grievances about impacts on society filed, addressed, and resolved through formal grievance mechanisms	Yes		No	There is a grievance mechanism but the number of grievances addressed and resolved is not reported



Standard Disclosure	Standard Disclosure Title	Reported	Reference	External Assurance	Comments				
	SOCIETY DISCLOSURES FOR THE OIL AND GAS SECTOR								
ASPECT: EN	MERGENCY PREPAREDNESS								
G4-DMA	Generic Disclosures on Management Approach	Yes	Our Stakeholders – Our Local Communities	Yes					
ASPECT: IN	VOLUNTARY RESETTLEMEN	т							
G4-DMA	Generic Disclosures on Management Approach	No		No					
OG-12	Operations where involuntary resettlements took place	Yes		No	There were no cases of involuntary resettlement during 2013				
ASPECT: AS	SET INTEGRITY AND PROCI	ESS SAFETY							
G4-DMA	Generic Disclosures on Management Approach	Yes	Reinforcing the significance of Process Safety – Management Approach	Yes					
OG-13	Number of process safety activities, by business activities	Yes	Performance Overview - 2013	Yes					

# **Independent Assurance Statement**





## Scope

BSD Consulting has undertaken independent assurance of the Atlantic Sustainable Development Report 2013. The assurance process was conducted in accordance with AA1000AS (2008). We were engaged to provide Type 1 assurance, which covers evaluation of adherence to the AA1000APS (2008) principles of inclusivity, materiality and responsiveness.

The scope of our work also included a review of the report against the Global Reporting Initiative (GRI) Sustainability reporting Guidelines in its latest version - G4 - as well as the Oil & Gas Sector Protocol.

We undertook no checking of sustainability performance data and consequently offer no assurance over performance data or associated claims included in the report. Any claims relating to financial information contained within the report are excluded from the scope of this work.

This assurance process included information quality at a **moderate**<sup>1</sup> level for the following sections:

- Corporate Social Responsibility
- Health & Security
- Supply Chain
- People (Employees)
- Corporate Governance

For the environmental section we have only conducted assurance on Management Approaches (ISO14000 and OHSAS) but not on the reliability of the systems or key data.

# Independence

The directors of Atlantic have sole responsibility for the preparation of the Report. Our statement represents an independent opinion and is intended to inform all of Atlantic's stakeholders in a balanced way. BSD was not involved in the preparation of any part of the Report.

BSD's last engagement as consultants for Atlantic LNG was in 2011, when we supported the company in the design of their Ethical Sourcing Code and sustainable supply chain management system.

# **Basis of our opinion**

In our work, we undertook the following activities:

- Review of material sustainability issues that are of interest to stakeholders and to the company.
- Discussions with Atlantic's management team around materiality determination and stakeholder engagement processes.
- Interviews with members of the key teams responsible for management and disclosure of material issues, such as:
  - Health, Safety, Security & Environment
  - Human Resources
  - Corporate Social Responsibility
  - Procurement and Supply Chain Management
  - Corporate Governance
- Interview with Atlantic's CEO about the company's strategic approach and its Sustainability Action Plan.
- Revision of Management Systems and management approaches.
- Review of outputs of recent stakeholder engagements.
- Engagement sessions with external stakeholders concerning Atlantic's social investments in the community.

# **Findings**

We reviewed and provided feedback on drafts of the report. On the basis of the work undertaken, nothing came to our attention to suggest that the Report does not properly describe Atlantic's adherence to the AA1000 and GRI Principles.

<sup>&</sup>lt;sup>1</sup> Moderate means we have checked the systems that produce the information but not the stringency of the system.

# **Independent Assurance Statement**

In terms of data accuracy, nothing came to our attention to suggest that data has not been properly collated from information reported at operational level, or that the assumptions used were inappropriate. We are not aware of any errors that would materially affect the data reported.

Without affecting our assurance opinion we also provide the following observations:

- Atlantic continues to build its reputation as a leading company in Trinidad and Tobago, being fully aware and careful of its economic, social and environmental impacts in the local context, while conducting business.
- Atlantic's commitment to sustainability is evident, and is demonstrated in the continuous improvement around material aspects during the period under review.
- Overall systems, management approaches and performance of Health & Safety and Social Responsibility areas are outstanding.

# **Conclusions on AA1000 Principles**

### Inclusivity:

Inclusivity concerns the participation of stakeholders in developing and achieving an accountable and strategic response to sustainability.

- Atlantic maintains a wide range of mechanisms for involving stakeholders in the development of its response to environmental, economic and social challenges. Disclosure on engagement instances and its frequency are present in the report and are accurate. We recommend additional disclosure on the specific issues raised during engagement instances.
- We recommended that future reports illustrate how engaging with key stakeholders is helping Atlantic to achieve strategic goals and provide examples on this.

### Materiality:

Material issues are those that are necessary for stakeholders to make informed judgments concerning Atlantic and its impacts.

- In our opinion, the report includes information on most of Atlantic's material sustainability issues. However, Atlantic needs to strengthen its process for defining and validating material aspects, as well as the disclosure around the process.
- Accordingly, BSD considers that for stakeholders to make informed judgments on the company's performance, Atlantic should include more disclosure on material aspects such as:
  - Economic performance (revenues, operating costs, and employee wages and benefits)
  - Indirect economic impacts
  - Flared and vented hydrocarbon
  - Environmental impacts of transport
- Atlantic could also reflect in future reports the existing link between its business strategy and its sustainability strategy.
- For future reports, we recommend that Atlantic include additional analysis on the financial implications of its Sustainability Action Plan.

### **Responsiveness:**

Responsiveness concerns the extent to which an organization responds to stakeholder issues.

- From our observations we can confirm that the inputs of the stakeholders have been taken into consideration and many of the suggestions generated through this process have resulted in positive improvements to the report and to the management systems.
- Overall, more economic, social and environmental targets need to be set.

# **Independent Assurance Statement**



- BSD recommends that Atlantic starts planning on emissions reduction and disclosure on its progress vs. targets every reporting period.
- Future reports should also include impact assessments of social responsibility and sustainability programs.

# **GRI G4 Conclusions**

Following the GRI 4 guidelines, BSD Consulting declares that Atlantic's Sustainability Report 2013, complies with the "Core" application level. The report also meets the application of the quality and content principles of the GRI, contains information on management approaches and performance indicators related to the economic, social and environmental spheres, with a focus on the material issues prioritized. This materiality assessment, as well as key disclosures, are also aligned with the GRI Oil & Gas sector supplement.

Felipe Arango Partner BSD Consulting

Assurance support: Ana Isabel Benavides - Lead Consultant









# Notes

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