



**SUSTAINABILITY
REPORT
2022**

SECURING A
SUSTAINABLE
—FUTURE—

Atlantic 



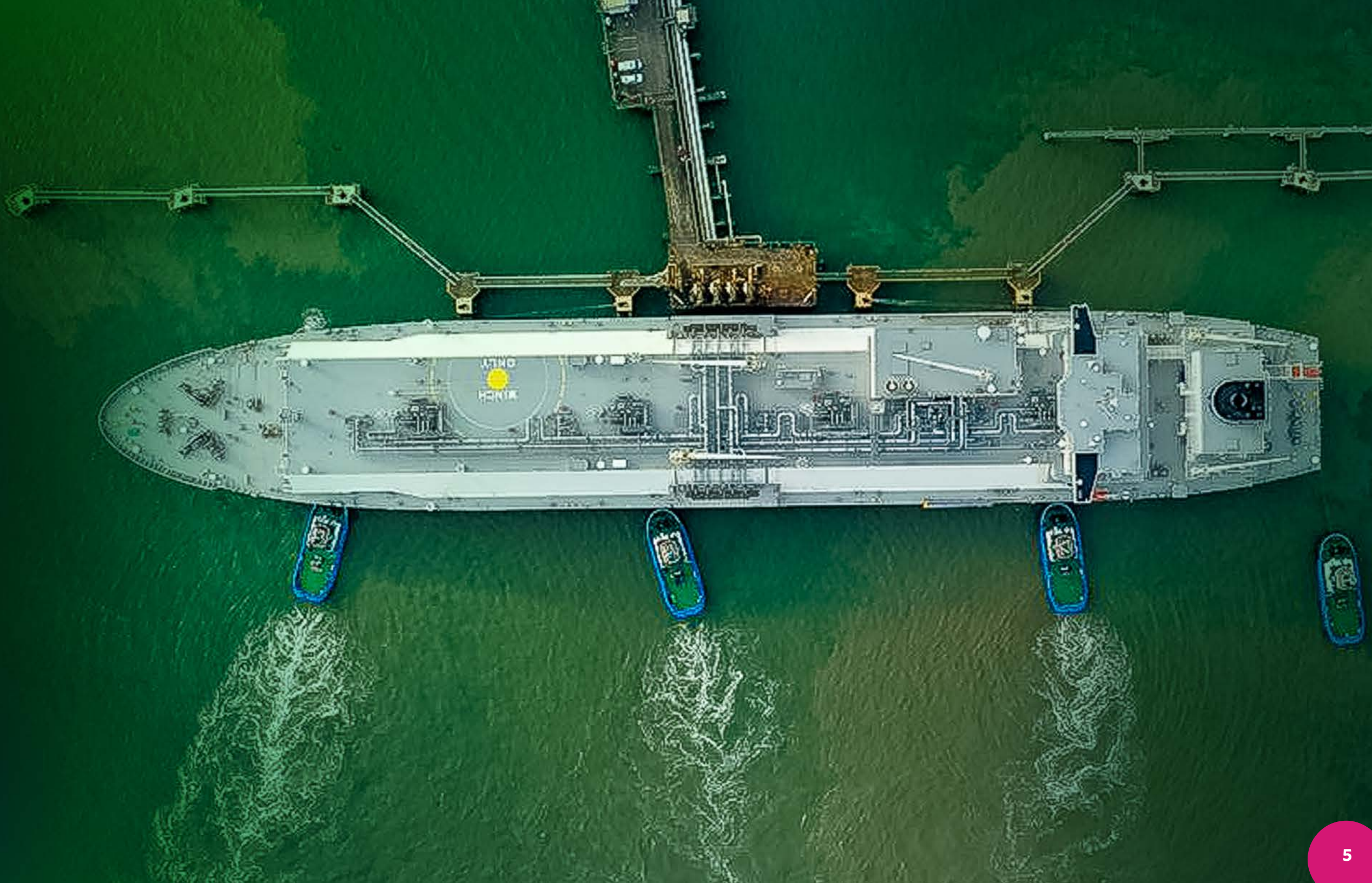
ABOUT THIS REPORT

Atlantic is pleased to share our 19th Sustainability Report. This Report provides highlights of our performance during 2022 in key areas of our business. It also demonstrates how our Sustainability efforts continue to create value for our stakeholders and positively impact the wider society in which we operate.

For additional information about what we do, visit our website at www.atlanticng.com. If you would like to provide feedback on this report, you may contact us at media@atlanticng.com.

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THE LEADERSHIP PERSPECTIVE

CHAIRMAN'S MESSAGE

We should all be inspired by news of promising opportunities steadily being secured by talented, empowered ambassadors of a brighter tomorrow. For those of us who believe firmly in people's capacity for ingenuity, for creativity and for working together, we understand that a brighter tomorrow is achievable and well within our grasp.



IAN WELCH
CHAIRMAN, ATLANTIC

I am honoured to work alongside such a cadre of future-focused thinkers at Atlantic. Atlantic's people are committed to the company's vision to help chart a secure pathway for Trinidad and Tobago through the

global challenges of the moment and towards a prosperous sustainable future.

Through innovation coupled with civic mindedness, Atlantic teams collaborate to advance the organisation's goals to optimise LNG production and build value for the next generation.

This inspiring corporate goal understandably captures the attention of our nation and our home community Point Fortin, positioning Atlantic as a leader on the local landscape in its mission to embrace the ethos of Sustainability. As is only fitting for a company that is a pioneer, we humbly continue to discharge our responsibility to help create and shape the future of our country and our people.

An Interview with our
CEO, Ron Adams

SECURING A SUSTAINABLE FUTURE

In 2022, the global LNG industry experienced a surge in demand and periods of high prices. How well did Atlantic perform in the new marketplace?

To answer that question, we must first acknowledge the significant contribution of Atlantic's people to our corporate performance in 2022.

Atlantic's employees continued to rise to the challenge, not only demonstrating their deep commitment while they worked tirelessly, but also a spirit of innovation and a passion to achieve our corporate objective to be a safe, reliable LNG operator working towards sustained world-class performance.

Every day, their resolve and their camaraderie inspire me as a leader, and I commend and thank all our employees. I'm truly privileged to have been given the opportunity to head Atlantic during this time of transformation in the company and in the local and global energy industry.

Some LNG industry journals described 2022 as an unprecedented year for the global LNG business. The war between Russia and Ukraine began in February, and since then global demand for LNG has remained high. Europe was the primary driver as it raced to secure supply and reduce its reliance on Russian pipeline gas.

Later in June, an incident at an LNG facility in Texas caused its temporary shutdown. Previously, that facility supplied some 20% of all US LNG exports, and ultimately, it did not resume operations in 2022. This impacted global supply, and we witnessed some of the highest prices in natural gas indices in recent years. Shipping rates also surged.

Meanwhile, on the local scene, Atlantic continued to experience gas supply shortfall. We anticipate this will not improve within the short term.

Atlantic therefore continues to focus intensely on optimising our operations, strengthening our safety, availability and reliability and maximising every molecule of gas that we process. We are also focused on progressing our new Corporate Strategy, aiming to reorganise and transform our business by 2027, making us agile, competitive and fit for the future.

So, against this background, how did Atlantic perform in 2022? We logged no Lost Time Incidents, which we acknowledge, but unfortunately, four OSHA recordable injuries occurred.

As a company renowned for the high priority that we place on the safety of our employees and service providers, this is not acceptable to us. We recommit ourselves to do the hard work required to remove any complacency that may exist in our operations. We must continue to live up to our motto "We will do it safely or we will not do it." We achieved our process safety objective of zero ineffective hardware barriers. These barriers throughout our facility represent an important defence against hazardous releases.

We continued to embark on innovative engineering initiatives targeting greenhouse gas (GHG) reduction. In one project aimed at optimising our thermal efficiency through management of our online compressors, we achieved a reduction in GHG and the associated fuel savings would also have resulted in increased LNG production. Overall, our emissions reduction initiatives achieved savings of 19,935 tCO₂e, well above our target of 17,357 tCO₂e, and an important win for our commitment to Sustainability.

In our commercial performance, we loaded Trinidad and Tobago's 4500th LNG cargo on April 8, a historic achievement for the local LNG industry that loaded its first cargo in April 1999. We closed the year with a total of 4599 cargos lifted for our customers. Other areas of our business which did not perform as creditably are targeted for renewed focus throughout 2023. This includes our maintenance outages and low CAPEX utilisation.

Some local developments also impacted Atlantic in 2022; gas supply shortfall was one of them, which you have already mentioned. There was also the new agreement signed between the Government and Atlantic's shareholders. What is the significance of this new arrangement?

On December 6, 2022, the Government and Atlantic's Members signed an agreement on the commercial terms that will consolidate Atlantic into a single entity. Discussions towards this had begun all the way back in 2018, and after many negotiations, the final and binding agreements are expected to become effective from October 2024. This was a significant and historic accomplishment, a victory for all parties. In successful business, partners must work together to discover and agree on the transactional terms that

are mutually beneficial to everyone. This is especially so when the wider context changes and becomes more competitive. The partners sitting around the negotiation table are there to represent generations who are depending on the net positive future value of decisions made in the present.

These steps taken by the Government and Atlantic's Shareholders towards Atlantic's unitisation are key to unlocking the next stage of value from Trinidad and Tobago's LNG facility.

Unitisation will simplify Atlantic's commercial framework and in turn allow us greater flexibility and efficiency in the operation of our Trains. Very importantly, it will also facilitate Atlantic's processing of gas from third party entities, strengthening our competitiveness and securing the long-term viability of Trinidad and Tobago's LNG business in the global market.

Another development last year was Atlantic's execution of a new phase of its Corporate Strategy. What did this execution entail and has the wider context changed any of the strategic imperatives facing the business?

We began developing our new Corporate Strategy in 2021 and our strategic aim is to transform into an even safer, increasingly

reliable LNG operator with sustained world-class performance.

The strategic imperatives that confront us as a company remain the same as when we developed our strategy. The Global Energy Transition is well underway, shifting the world towards renewable energy sources. This is in keeping with the United Nations' mandate to reduce GHG emissions and reverse climate change. As the cleanest fossil fuel, LNG has been pegged as a 'bridge fuel' in the Transition, and global demand for LNG is therefore projected to remain strong over the next 20 years.

As one of the world's top LNG producers, Atlantic must help secure the energy future of Trinidad and Tobago and our relevance to the global LNG industry. Atlantic must therefore continue to transform and evolve into an agile, competitive and sustainable company. Given our gas supply scenario, we must maintain laser focus on our energy efficiency. We must also pursue performance excellence in the relevant global industry benchmarks in HSE and process safety, reliability and availability, and production cost.

In 2022, to continue progressing our new Corporate Strategy, Atlantic convened special teams for each of our five Strategic Pillars and

three Strategic Enablers. We commissioned these teams to work on identifying and detailing the initiatives, activity sets and resources that will enable Atlantic to deliver the Corporate Strategy over the next 5 years. The teams did an excellent job, and their work has resulted in our Mission Critical Tactics (MCTs) — key programmes and plans driving the success of our Pillars and Enablers. For 2023 and beyond, the company will be engaged with execution of these MCTs and landing the milestones that will help cement our world-class status.

How does Atlantic's pursuit of Sustainability fit into the new global context for LNG?

It is important to understand that for Atlantic, the breadth and depth of Sustainability is more than Corporate Social Responsibility (CSR). If it helps us produce more LNG and reduce our carbon footprint — that's Sustainability, for us. If it helps young entrepreneurs build food security at the community level or facilitates young athletes excelling in their sport at the national level — it is all Sustainability, and therefore relevant to our wider strategic objectives.

As a result, we will not rest on our laurels for achieving zero ineffective process safety barriers last year; instead, we will look at ways to maintain and then improve on the reduced

operational risk that this level of protection represents.

We are proud of the accomplishments of the talented Atlantic cross-functional teams working on initiatives to enhance our energy efficiency and reduce our GHG emissions. In 2021, we exceeded our emissions reduction targets, and we did so again in 2022. Our pilot project last year to optimise thermal efficiency was so successful that we are planning to scale it across all our Trains.

In our supply chain, considerable value was generated by last year's exercise in category management. We are always looking for ways to be cost competitive and to preserve value for the company and our Members, so the work done by a special cross-functional team to negotiate with one of our major equipment and service providers was truly exceptional. This team helped secure significant cost savings for Atlantic. They also established a good foundation for our drive towards world-class LNG operations.

And in community development, we continue to observe the new technologies, new practices and new skills that will be required as the world moves toward renewable energy. These, in tandem with the rise of artificial intelligence and other advanced digital technologies, highlight



SCAN AND VIEW
OUR VIDEO

4500 CARGOES

Another LNG milestone

**On April 7, 2022, Atlantic completed loading our
4500th Cargo onto the vessel Cool Discoverer**

a critical future need for our youth. There is therefore no better time than the present to invest in developing the next generation's competence with technologies on the horizon. Work therefore continues with the Atlantic Future Skills Centre.

This institution will be based in Point Fortin and will help fulfill Atlantic's dream for the children of Point Fortin and Trinidad and Tobago to have deep acumen in Science, Technology, Engineering and Math (STEM) and to be familiar with emerging technologies. Other youth-focused initiatives under our Sustainability agenda will now incorporate skills training and content related to renewables.

Our legacy community and national development programmes will continue to evolve to fit the changing context. As a point of interest, our longest running Sustainability initiative, the Point Fortin's Finest (PFF), celebrated a unique milestone last year.

For the first time ever, a student selected for the programme is the daughter of a member of the original cohort, which was established in 2000. Twenty-two years later, the programme has come full circle: one generation has helped to secure the future of the generation that follows. This has always been Atlantic's vision, and this milestone inspires us to remain committed in our pursuit.



ABOUT OUR BUSINESS

Our Core Values

The Atlantic spirit values are the deepest commitment of who we are as a company. They shape the way we conduct our business, keep us grounded through changing landscapes and underpin our corporate culture.

- **Safety:** “We will do it safely or we will not do it” in order to achieve our goal of no harm to people and to minimise our impact on the environment. In Process Safety: “Our assets are safe and we know it” guides us to be ever vigilant in this crucial area.
- **Performance:** We will create an environment where our people and stakeholders will be inspired to deliver the highest levels of performance and seek to be the best that they can be.
- **I:** Each and every one of us as individuals
- **Respect:** We will respect each and every individual. We will create a trusting, open and inclusive environment.

- **Integrity:** We will commit to upholding the highest standards of ethical conduct and governance. We will conduct our business with integrity.
- **Teamwork:** We will support one another and work together as One Team.



OUR STRATEGY

2022-2027

Delivering World-Class LNG Operations — Energised for the Future

Our Strategic Objective

Progressing Atlantic’s competitive position to achieve sustained world-class LNG operations by implementing a transformative path, improving performance as a safe, reliable operator through an exceptionally high-performing, future-focused team who embodies the Atlantic Way.

Atlantic’s Value

As a critical link in the Trinidad LNG value chain there is potential for Atlantic to create increased value for our stakeholders and future generations of our home community and country through safe, dependable delivery of LNG cargoes.

Energised for the Future

Atlantic’s Corporate Strategy — “Energised for the Future” — was refreshed in 2021, with a new long-term vision reframed for a global marketplace more competitive than ever.

Deliverables and annual targets are aligned under 5 strategic pillars and powered by 3 strategic enablers



MISSION CRITICAL TACTICS

In 2022, Atlantic assembled teams for each Pillar and Enabler and commissioned them to identify and detail Mission Critical Tactics (MCTs) – the initiatives and imperative actions that will enable Atlantic to deliver the Corporate Strategy.

MCTs set defined targets and milestones under each Pillar and Enabler and have galvanised the company onto a new course towards an agile fit-for-future organisation that delivers sustained, safe, reliable, world-class LNG operations.

ASSET MANAGEMENT SYSTEM (AMS)

Atlantic's strategic intent is to be a leader in the global LNG industry driven by sustained world-class, globally competitive performance. This intent will be achieved through systematic operating and the proactive management of operational and other business risks and opportunities across the gas value chain.

The Atlantic Asset Management System (AMS) is one of the company's strategic enablers and will strengthen the company's operating discipline by standardising critical

work processes, clarifying accountabilities, incorporating learnings and building a continuous improvement focus on the delivery of top quartile LNG industry performance.

Atlantic was the world's first LNG producer to become a member of the International Association of Oil and Gas Producers (IOGP) and our AMS will closely follow the Operating Management System (OMS) framework developed by the IOGP and the International Petroleum Industry Environmental Conservation

Association (IPIECA). This approach can be fit-for-purpose for the company's operating footprint.

This strong international industry linkage with the IOGP and IPIECA will underpin Atlantic's competitive advantage of having twenty years of core LNG operating expertise and will support Atlantic's efforts to incorporate international industry standards, best practices and process improvements to enable safe, reliable and sustainable LNG delivery.

DIGITALISATION

Atlantic’s journey into Digitalisation, one of the Strategic Enablers in our Corporate Strategy, achieved significant milestones in 2022.

The increased capacity that we acquired for data capture, data storage, predictive analytics and data-driven decisions will help us unearth innovative solutions for carbon abatement, energy management, value creation, cost management, asset integrity and operational risk.

Digital Governance Framework

Important governance structures were implemented in 2022 to support execution of Atlantic’s Digital Agenda.

We completed work on our Digital Governance Framework, an overarching structure which incorporates the Digital Steering Committee to provide oversight and endorsement of proposed projects; the Digital Roadmap of initiatives targeting data and technology; and the Digital Maturity Model to help measure our performance and progress against specific KPIs and corporate milestones along our Digitalisation journey.

Digital Maturity Assessment

Atlantic completed an assessment of our Data Maturity, a major deliverable among our Data Governance initiatives.

Information was collated from data owners from various departments, and key findings were presented to the data owners and Data Governance Steering Council, a cross-functional team.

The assessment highlighted our steady progress in developing our Enterprise Data Governance and Data Management Frameworks, but also emphasised the need to enhance our Data Architecture Practice and ease/speed of access to data.

The assessment will guide future initiatives to enhance our data maturity and data usage.

Digital Twin

In 2022, we launched the first phase of the Atlantic Digital Twin, cutting-edge technology that creates a virtual, interactive 3D representation of our entire Point Fortin facility. When fully implemented, the Digital Twin will deliver to our business, improved awareness of current operations and enable enhanced decision making and live prescriptive and predictive analytics.

Through advanced visualisation and contextualisation of static data ‘snapshots’ from the facility linked to fully digitised piping and instrumentation drawings, the first phase of this initiative provided a base model Digital Twin that delivered value to business processes in Health Safety Security, Environment (HSSE), Operations, Maintenance, Planning, Turnaround, Engineering and Process Safety.

SCAN AND VIEW
OUR VIDEO



CASE STUDY

Digital Twin brings new value to Atlantic Operations

In 2022, the first phase of the Atlantic Digital Twin introduced new value to several processes across our business. With its advanced visualisation technology and the ability to easily search and find critical equipment, the Digital Twin helped realise savings in cost and man hours spent on site and in planning; and enhanced safe operations by more efficient investigation of incidents and improved emergency response, among other use cases:

Optimised Time Spent On-site

- Facilitated site walkdowns and collaboration without employees having to be on site.
- Operations and Maintenance teams used the Digital Twin at night, allowing difficult-to-access locations to be accessed even during low visibility scenarios.
- Digital Twin allowed easier access to view elevated areas that previously required manlifts. This helped with planning and developing of job work packages and operating procedures for work assignments.

Planning for On-site Work and Maintenance Outages

All areas on our facility can now be accessed in the Digital Twin’s virtual environment. This includes locations that require rigor to access or special entry requirements (e.g., manlifts or life jackets). Because these locations can now be accessed virtually, preparation work can be completed before going to site, thereby increasing productivity.

This has resulted in:

- Efficiency Improvements for Job Planning and Walkdowns
- Less persons on site during maintenance outages (TARs)
- Safety Improvements with less time spent in hazardous/high risk locations or work at heights.



Data Lake

Atlantic's Data Lake also came online in 2022. A central online data repository that can store all types of data in native, raw format from all areas of our business, the Data Lake easily handles massive datasets (e.g. near real-time sensor data from plant equipment with 24 hour operations).

The Data Lake has given Atlantic a foundational

platform for data science, digital projects, business analytics, predictive analytics, machine learning and artificial intelligence (AI).

This platform fits current needs of our business and will scale to accommodate the future growth of our data and sophistication of use cases as we continue along our Digital Transformation journey.

CASE STUDY

Remote Monitoring of Train 2 via the Data Lake

In 2022, Atlantic ran a pilot project on Train 2 that leveraged our Data Lake's ability to store large amounts of operational and equipment data. Key personnel were able to monitor the Train's operations remotely in near real-time to detect anomalies. With built-in anomaly detection based on set data points for 'safe operating limits' and 'design limits', this project helped ensure 24/7 remote monitoring without constant human oversight, supplementing our site-based systems with enhanced analytical oversight.

The successful pilot was extended to Train 3, Train 4 and our Common Facilities, with all being monitored for anomalies. This is just the beginning of a new era of data-driven, safe LNG operations, with tremendous potential to build sustained world-class performance in our availability and reliability.

THE ATLANTIC WAY

What makes us unique? What fuels us to achieve what others believe is not possible? What makes us proud to be Atlantic?

The Atlantic Way speaks powerfully to who we are, our guiding principles, our values and the unique strengths that differentiate Atlantic. It embodies the experience of 'being Atlantic' and uses this as foundation for developing a cadre of professionals with a learner mindset and strengthening our core tenets of the future — Leadership Development, Performance Excellence and Operating Discipline.

The Atlantic Way will continue to evolve by company-wide discovery and collaboration, an inclusive undertaking where all employees can share their views to be part of actively shaping our corporate culture.

Leadership Development

Leaders set the tone that defines an organisational culture by what they say, do, and reward. What leaders stand for really matters. At Atlantic, we are committed to developing a world-class cadre of leaders who create and breathe life into our vision; who inspire their teams and unleash their potential. In 2022, our systematic focus on leadership development continued with the objective of deepening our

leaders' capacity to inspire an excited, agile, innovative and multi-generational workforce.

Coaching, mentoring and leadership training programmes throughout the year continue to build the requisite skills of leaders at all levels of the organisation. These included executive retreats, masterclasses and individual coaching sessions with local and international consultants as well as managerial coaching and assessments. Additionally, our supervisory development programme continued in 2022, honing supervisory competence in key areas.

Performance Excellence

As we pursue our strategic intent towards global competitiveness and world-class delivery, we will continue to build a high-performing organisation by cultivating a performance excellence mindset in all who work for Atlantic. In 2022, we progressed work on the framework for organisational performance management. Plan performance is tracked at weekly, monthly and quarterly intervals across the organisation to maximise our ability to intervene, manage risks and to actively respond and take opportunities where they arise. We continue to embed agile ways of working with new performance monitoring online dashboards to help maintain visibility of key priorities. This

focus also deepens our oversight of progress against our strategic actions or our Corporate Strategy's Mission Critical Tactics (MCTs). This drives organisation-wide ownership of our business objectives and pride in delivery as we move closer to achieving our shared strategic vision.

Operating Discipline

This MCT focuses on embedding operating discipline across our workforce to sustain high levels of professionalism and consistency in our ways of working. Under three themes — Finish what we Start; Follow the Rules; and Follow Up — this program aims to engender higher work quality, compliance with processes and assurance of the high standards we set ourselves as an organisation.

While the strategic intent is to build a workplace environment where world-class discipline and professionalism are paramount, initial focus in 2022 was on first creating this environment within the Operations and Maintenance teams. This seed phase involved the teams' systematic clarification of roles, responsibilities and expectations, fostering greater ownership of functional areas.

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OUR STAKEHOLDERS

Stakeholder engagement is a significant part of Atlantic's efforts to positively impact our business, community and the wider society in which we operate.

We believe that by growing strong, meaningful alliances and pursuing active dialogue with key groups, this brings us closer to anticipating challenges and finding solutions in a responsible and transparent way. Our key stakeholders include our employees, the member companies of the shareholder of each Train owner, service providers, central and local government, regulatory agencies, local communities and the media.



OUR MATERIAL ISSUES

To determine our material issues, we first consider:

- Core business sources such as our corporate strategy, corporate performance contract and risk management process
- Material issues identified by the Members
- Issues identified by our stakeholders

We seek feedback from our stakeholders on our initial prioritisation of issues. Relevant feedback is reviewed and informs our subsequent process of determining the issues of the highest priority for our business.



OUR ECONOMIC IMPACTS

Atlantic’s Economic Contributions 2020-2022

	Values in US\$M		
	2022	2021	2020
Taxes			
Corporation Tax	142.3	120.8	146.1
Green Fund Levy	11.1	4.7	3.5
Withholding Tax	7.9	2.9	4.9
Sub-Total	161.3	128.4	154.5
Other Contributions			
Staff salaries and benefits*	55.8	55.3	56.6
Spend on training and development	0.7	0.2	0.48
Spend on local suppliers	111.93	117.33	110.00
Sub-total	168.43	172.83	167.08
Total	\$329.73	\$301.23	\$321.58
Employees & Suppliers			
Number of employees	528	540	563
Number of local suppliers supported (businesses)	404	380	418

*Staff salaries and benefits include PAYE

OUR SUSTAINABILITY AT WORK

Corporate Governance

Integrity and ethical conduct have long been hallmarks of Atlantic’s corporate culture and core to our operational ethos. We continue to sustain a business environment that promotes fairness, transparency and accountability.

Our Corporate Governance Framework underpins this aim, supporting our strategic

activities to achieve sustainable business performance, act responsibly and mitigate risk to our business, our people and our reputation.

Our governance framework integrates the relationships between the Leadership Team, our shareholders, our employees and other stakeholders.

Our governance structure is established through

an integrated system of corporate policies and procedures monitored to achieve transparency, independence, accountability and integrity.

At Atlantic, we have zero tolerance for fraud, bribery, corruption, money laundering and any other illegal activity.

For more information on Corporate Governance, visit our website at www.atlanticlng.com.

HSSE AND PROCESS SAFETY

Safety and Health

In the areas of personal safety and health, Atlantic maintained momentum in our journey towards sustained world-class performance.

While we recorded another successful year without a Lost Time Injury (LTI), four OSHA recordable incidents highlighted the imperative to increase vigilance and to strengthen the personal safety competence of our workforce.

Hybrid Operations

Atlantic transitioned successfully from pandemic operations into a new hybrid work arrangement. On the facility, we have resumed a full personnel complement. Remote work remains part of the new way of working, combined with in-office attendance so that the company derives value from physical collaboration and maintains cross-functional synergy.

As the pandemic health protocols continued to be relaxed throughout 2022, our work to manage transmission risk and ensure staff compliance with relevant protective measures remained a priority. The company has maintained proactive monitoring of national transmission levels, prudent case management

and ongoing health awareness campaigns targeting employees and service providers.

Incident Management and Learning

Atlantic’s Continuous Improvement (CI) methodology guided the development of new initiatives to enhance our incident management and investigation processes, and our Lessons Learned framework.

Cross-functional teams convened new discussion fora to share investigation best practices and broaden cross-functional learning from repeat incidents.

Preparing for New Analytics

In 2022, we continued to implement online repositories of safety performance data. A new Vehicle, Equipment and Machinery (VEM) Database was commissioned, enabling easy access to the inspection and certification status of all facility equipment.

An enhanced data analytics initiative will commence in 2023 to mine these repositories for insights to help strengthen our corporate safety performance and support our ongoing embedding of industry-leading best practices.



HSSE PERFORMANCE

Focus Areas	Leading Indicators	UOM	2022	2021	2020
HSSE Leadership	Man-Hours	Hours	2,981,198	3,625,618	2,309,752
	Participation in leadership/management walkdowns	Num	451	665	365
	Leadership Structured Field Assessments	Num	6	10	9
Control of Work	Self-verifications	Num	4,823	5,580	4,070
	Control of Work Assessments (2017-18)/Self-verifications (2019)	Num		N/A	N/A
Contractor Management	Contractor Management/Supervision Walkdowns	Num	64	53	6
	Contractor Safety Meetings	Num	46	123	35
Employee involvement/participation	Employee interventions (STOPs, permit audits, hazard reports etc.)	Num	4,671	5281	5,740
	Near Misses	Num	275	263	230
HSSE Training	HSSE Training*	%	92	N/A	N/A
Emergency Response	Completion of planned Emergency Response Drills	Num	55	113	51
Corrective Actions	Deliver on-time closure of actions from Level 1 investigations	%	85	67	96
	Deliver on-time closure of actions from Level 2 & 3 investigations	%	63	71	84
	HSSE actions closed on time	%	74	72	61

Focus Area	Lagging Indicators	UOM			
Health and Safety	OSHA Recordable Frequency per 200,000 hours	Frequency	0.268	0.110	0.26
	OSHA Recordables – Restricted Work Case/Medical Treatment Case	Num	4	2	2
	OSHA Recordables – Lost Time Injuries (LTI)	Num	0	0	1
	OSHA Recordables – Fatalities	Num	0	0	0
High Potential Incidents (HiPO)		Num	1	5	2
	First aid cases (work related)	Num	26	26	24
	Vehicular Accidents	Num	4	11	4
	Dropped Objects	Num	1	5	0
Security	Security Incidents resulting in loss>US\$30,000**	Num	0	1	0
Environment	Total number spills outside secondary containment ≥ 10L	Num	4	8	1

* For 2020-21, the metric for HSSE Training was man-days. Current metric now tracks percentage of actual interventions held as per training plan.
** For 2020-21, Atlantic tracked security incidents resulting in loss >US\$10,000.

PROCESS SAFETY

Process safety — the focus on procedures, systems and practices that prevent the uncontrolled release of hazardous materials — is a corporate imperative at Atlantic.

In 2022, there were no significant process safety incidents, testimony to the deep commitment of our employees and service providers to diligent management of operational risk.

Atlantic also achieved our strategic goal of

zero ineffective process safety hardware barriers across our operations.

These safety critical equipment (SCE) are engineered controls which act as layers of protection against hazardous releases.

Our accomplishment of zero ineffective barriers demonstrated the gains from heightened monitoring of hardware barrier health via the real-time technology of our Live Barrier Model (LBM).



ATLANTIC HOSTS PROCESS SAFETY HYBRID EVENT

Cancelled in 2020, a virtual version of Atlantic's flagship Process Safety Week event was launched the following year. In 2022, a new hybrid version called Process Safety Day focused on sensitising employees and service providers to the key elements of Atlantic's robust Process Safety culture and providing greater awareness of ideas to innovate and improve the company's management of operational risk.

Managing our Risks

In our process safety and operational risk management initiatives, we made significant strides in identifying and reducing risks on the facility. Key outcomes included improvements to our processes and data used for identifying and managing SCE hardware barriers, a thorough review of our Critical Equipment Maintenance Strategies (CEMS) and integration of risk management processes in the LBM. Through our annual organisational event which focuses on bringing process safety to all teams, we engaged the wider organisation and sustained awareness of process safety. Other initiatives enabled employees to access newly developed self-paced learning modules on key process safety topics. Atlantic also undertook an assessment to identify and mitigate our vulnerabilities to the increasing global risk to cyber-security.

In the next phase of our journey to world-class process safety, Atlantic will strengthen our facility's oversight of cumulative risk through the revalidation of our formal risk studies; implementation of a comprehensive risk action tracker; and improvements to the LBM and Leak management processes. There will also be increased efforts to assure the integrity of our processes through self-verification and to strengthen the capacity of our technical and frontline teams to deliver industry-leading, innovative solutions to manage and reduce risks.

ENVIRONMENT

Notwithstanding LNG’s prominence in 2022 due to the exogenous factors that helped spike global demand, there was no waning of the need for greater energy efficiency in the industry and for building robust relevance to the Global Energy Transition.

For Atlantic, this meant continued focus on our decarbonisation journey and the targeted initiatives of our Greenhouse Gas and Energy Management Plan.

As part of the development of our new corporate strategy and its associated

Mission Critical Tactics (MCTs), we have conceptualised and scheduled several medium and long-term low carbon projects for implementation.

In 2022, we continued our promising work in reducing greenhouse gas (GHG) emissions by energy efficiency and optimisation and achieved GHG savings of 19,935 tCO2e. This surpassed the target of 17,357 tCO2e.

Our Environmental Management System maintained certification to the global ISO 14001:2015 standard and for the third

consecutive year, the independent surveillance auditors identified zero weaknesses. Our leadership-driven commitment to GHG reduction and our dedication to optimise our waste management processes were commended by the auditors, as were our innovations in managing the environmental aspects of LNG shipping.

Atlantic voluntarily reported our methane emissions data to the Oil and Gas Methane Partnership. Transparency in reporting, wherever feasible or required, remains a key component of our pursuit of Sustainability.



GREEN MARKET PARTNERSHIP WITH OUR HOME COMMUNITY

In 2022, Atlantic hosted a Green Market in Point Fortin, showcasing local talent and products, including the work of clients of Atlantic’s micro-financing agency LEND (Loan for Enterprise and Network Development).



ENVIRONMENTAL PERFORMANCE

Indicators	UOM	2022	2021	2020
Energy				
Energy Use – Fuel	Terajoules	65,481	58,506	86,528
Energy Use – electricity	Gigajoules	11,796	10,999	12,982
Energy intensity ratio	Megajoules/MMBtu	158	167	158
Flaring				
Total Natural Gas flared	tCO2e	173,566	170,119	188,378
Total Flaring	tCO2e	243,352	239,809	280,785
GHG Emissions (Scope 1)				
Carbon Dioxide	tCO2e	3,437,926	3,085,524	4,532,346
Methane	tCO2e	40,595	37,806	47,997
Nitrous Oxide	tCO2e	4,249	4,831	5,979
HFCs	tCO2e	1,902	883	1,392
Total Scope 1	tCO2e	3,484,673	3,129,044	4,587,714
GHG Intensity Ratio	tCO2e/TBtu	8,422	8,919	8,373
GHG Emissions (Scope 2)				
Carbon Dioxide	tCO2e	1,755	1,636	1,931
Methane	tCO2e	2	2	3
Nitrous Oxide	tCO2e	5	4	5
Total Scope 2	tCO2e	1,762	1,643	1,939
GHG Emissions (Scope 1 & 2)				
Total GHG	tCO2e	3,486,434	3,130,686	4,589,653
Waste				
Hazardous Waste generated	Tonnes	16,484	14,655	21,093
Non-hazardous Waste generated	Tonnes	1536*	867	1,020
Total Waste	Tonnes	18,020	15,522	22113
Spills				
Hydrocarbon spills	Barrels	1	4	2
Other spills	Barrels	2	1	1
Total number spills outside secondary containment ≥ 10L	Num	4	8	6

*Increase in non-hazardous waste is partly due to a site improvement exercise and its removal of obsolete spares etc. from current site storage areas.

PEOPLE

Our people are the driving force behind our success. We are proud of a workforce that is industrious, innovative and deeply committed to the future, and who will be instrumental in accomplishing our strategic objective of achieving sustained world-class LNG operations.

During 2022's company-wide activity to develop the future-focused initiatives of the refreshed corporate strategy, employees took ownership of the identified Mission Critical Tactics (MCTs).

For the People pillar, the MCTs outlined 5-year plans to future-proof the organisation by designing a fit-for-future organisational structure; deepening capability; mobilising an empowered and engaged organisation; refining our performance management system; and creating a culture that is underpinned by the guiding principles of diversity, equity and inclusion.

Foundational work to support the MCTs was the focus throughout 2022, allowing us to build full awareness of the refreshed strategy among employees, helping to prepare them for the first wave of implementation in 2023.

Fit-for-Future Organisation

In 2022, Atlantic undertook the design of our new organisational structure leveraging on local and international best practice as well as benchmarking data.

Scheduled for stand-up in 2023, the new structure will enhance our competitiveness and agility in the future global business landscape.

Refining Capability

We are deeply committed to developing our People.

In 2022, Atlantic completed a review of the Competence Management Assurance System (CMAS), the system that is currently used to assure the competence of front line personnel. 2022's focus was on our Operations department and a similar review for our Maintenance department is scheduled for 2023.

These reviews will progress our strategic

aim to implement organisation-wide competency assurance by 2027.

Virtual Career Fair

In August, Atlantic hosted our first-ever Virtual Career Fair, a strategic outreach initiative to employees' children.

The event exposed 25 children of Atlantic employees to invaluable career guidance, via an interactive discussion between Atlantic's CEO and Vice-President of Human Resources, which was followed by special sessions with professional advice from subject matter experts from across Atlantic's business.

The engaging event received favourable feedback from participants and future in-person fairs will be hosted.

Atlantic embraces our responsibility to help facilitate youth development opportunities that build national capacity to overcome the challenges of the future.



SUPPLY CHAIN

Supplier development and its contribution to value generation at the community and national level remain key components of Atlantic's Sustainability ethos.

This consideration takes on added significance when competitiveness intensifies in the local and global business environment.

For 2022, Atlantic embarked on enhanced procurement and supply chain management (PSCM) strategies, aiming to generate value for the business, and to be responsive to opportunities to help stimulate local supplier development.

Atlantic pursues Category Management

In 2022, Atlantic undertook a Category Management exercise, segmenting our key purchases into areas of spend and potential competitive tender.

The exercise helped optimise service and manage costs for contracted services in scaffolding, facilities management and waste disposal.

P2P Enhancements

In September, we launched an enhancement to our Procure-to-Pay (P2P) process, automating the conversion of purchase requests from the business into purchase commitment instruments to suppliers. Leveraging already existing technology in the Oracle Fusion e-portal, the new automated process has significantly reduced transaction cycle times. This procurement best practice continues our trajectory towards sustained world-class operations in this aspect of our business.

Enhancing Waste Management

We applied our Sustainability approach to a special campaign to clear our facility's storage areas of obsolete equipment spares and other non-hazardous industrial waste.

Through careful analysis, the coordinating team identified recycling opportunities for some 443.6 tonnes of metallic waste. Another 102.6 tonnes of general waste were responsibly disposed via landfill. The project continues a wider strategy to enhance waste management across the facility.



COMMUNITY DEVELOPMENT

During 2022, Atlantic underwent a nuanced shift in our Sustainability strategy, as the local landscape continued to experience a degree of adversity in the pandemic’s aftermath and inflationary and other forces in the global economy.

As part of the company-wide activity in 2022 to build plans for the Mission Critical Tactics (MCTs) that will progress our refreshed Corporate Strategy, Atlantic reviewed and reconfigured our Sustainability initiatives and re-aligned them to our new corporate aspiration to be a recognised national leader in corporate responsibility.

With this leadership status, we embraced a heightened responsibility to help generate community and national solutions that stimulate capability growth in the Southwest Peninsula and support Trinidad and Tobago in adapting to the Global Energy Transition.

This nuanced shift in our strategic intent only highlighted the lasting relevance of our Sustainability ethos and our corporate mission to create value and opportunities for future generations.

Many of our Sustainability programmes underwent applicable but modest changes

and upgrades. Some migrated temporarily to virtual online platforms, necessary given social distancing restrictions during the period.

Others acquired a new focus on renewable energy or incorporated new content related to Science, Technology, Engineering and Math (STEM) and the prominent role these will play in the future.

All our Sustainability initiatives remained focused on facilitating the next generation, under the areas of Wellbeing, Education and Technology, Environment, and Entrepreneurship.

In 2023, our programmes will continue to evolve in alignment to our new strategic thrust, committed to preparing our home community and country for a pivotal role in this emerging historic moment in global energy.

Well-Being

The Atlantic Virtual Engagement Platform became fully operational in 2022, a new online home for the programmes run by our sports-based non-governmental organisation (NGO) partnerships. Some 1000 primary school participants accessed training content and resources for cricket, football, track and field and swimming.

As in-person activities resumed more fully later in the year, some 605 Point Fortin primary school students were enrolled in cricket, football and track and field programmes run by our NGO partners. In Port of Spain, 530 students participated in cricket and football activities. In 2023, the former Atlantic sporting leagues will transition into a new format.

Environment

In 2022, 352 students in 11 primary schools across the country embarked on the new virtual interactive experience coordinated by our partner NGO Fondes Amandes in the Atlantic Environment Education Series.

In the Atlantic Community Environment Programme, another 143 students from five secondary schools received virtual and in-person training in composting, planting, hydroponics and agribusiness. Atlantic also continued our support of the turtle conservation and monitoring activities of the Turtle Village Trust.

Entrepreneurship

With the Global Energy Transition underway, Atlantic has committed to increase exposure to skills and knowledge related to renewable energy, via our various training and education programmes, wherever feasible.

SCAN AND VIEW OUR VIDEO



POINT FORTIN'S FINEST

Established in 2000, the Point Fortin's Finest Leadership Development Programme rewards students of Point Fortin and environs for outstanding performance in the Secondary Entrance Assessment (SEA) Examinations.

The students receive financial support for seven years of secondary school and university grants for three years of tertiary level education. The programme also imparts life skills to the students through special vacation camps focused on leadership training. Other career-focused development is offered via internship opportunities at Atlantic. Since its inception, the Programme has inducted some 229 students.

In 2022, the annual Skills Training Programme facilitated by our long-time partner the National Energy Skills Centre (NESC) Technical Institute hosted an inaugural Solar Photovoltaics Course, graduating 16 participants.

We also committed to deepen our support of entrepreneurship, through our partnership with the Atlantic Youth Entrepreneurship Programme which began in 2021. 173 secondary school students received business training and mentorship in 2022, sowing seeds for a future generation of savvy entrepreneurs.

In 2022, a downturn in national economic activity affected uptake of the micro-financing services by the LEND Agency (Loan for Enterprise and Network Development).

LEND embarked on a new campaign to finance eligible community-based renewable energy projects, an outreach initiative that will continue in 2023.

Education and Technology

In 2022, for the first time, the newest cohort of the Point Fortin's Finest (PFF) Leadership Development Programme — Atlantic's longest running Sustainability initiative — contained a member whose parent was in the original PFF cohort of 2000. This historic achievement highlights the generational impact of the programme and its capacity to help inculcate a culture of academic excellence in our home community's primary schools.

Work continued to progress plans for the Atlantic Future Skills Centre. The Future Skills Centre will be based in Point Fortin and will help primary and secondary school children acquire skills in STEM, environmental awareness and renewables.

The Centre will represent a significant investment in an empowered workforce of the future, building high competence with technology and engendering creative problem-solving and innovation.

Shakiel Mohammed, a LEND client, yields lettuce using hydroponics

SUSTAINABILITY

Atlantic is committed to being a Force for Good focused on Community and National Development and Opportunities for Future Generations.

EXPENDITURE 2022

Focus Area US\$

WELL-BEING	\$147.6K
ENVIRONMENT	\$86.2K
EDUCATION AND TECHNOLOGY	\$260.1K
CONTRIBUTIONS	\$276.3K
ENTREPRENEURSHIP	\$33.3K
SPONSORSHIPS	\$60K

ATLANTIC SUSTAINABILITY PROGRAMMES EXPENDITURE

Figures are in US\$

	2022	2021	2020
Well-Being			
Atlantic / Real Madrid Social Sport Programme*	-	-	49,867
Atlantic PF Community Based Sporting Programmes*	61,993	49,046	-
Atlantic POS Community Based Sporting Programmes*	51,622	34,532	-
Atlantic Primary Schools Learn to Swim Programme*	-	-	5,126
Atlantic Primary Schools Tennis Programme*	-	-	15,485
Atlantic Virtual Sport and Field Trip Programme*	11,685	10,664	-
National Primary School Sports - Football*	22,302	-	-
WIPA in the Community*	-	-	47,225
Sub-total	147,602	94,242	117,703

Environment

Atlantic Community Environment Programme*	25,000	35,971	-
Atlantic Environment Education Series	17,986	17,879	15,441
Turtle Village Trust	43,165	50,360	117,647
Sub-total	86,151	104,210	133,088

Contributions

Donations	211,022	254,889	391,919
United Way of Trinidad and Tobago	65,350	69,043	73,513
Special Covid-19 Support*	-	32,465	955,316
Sub-total	276,372	356,397	1,420,748

Education and Technology

Atlantic / NESC Skills Training Programme*	17,212	-	8,941
Atlantic Future Skills Centre*	149,586	-	-
IMAX - Ultimate Educational Field Trip*	-	-	13,893
Point Fortin's Leadership Development Programme	93,327	66,805	31,706
Literacy and Numeracy Programme*	-	-	8,368
Sub-total	260,125	66,805	62,908

Sponsorships

General Sponsorships	59,956	9,151	199,220
Sub-total	59,956	9,151	199,220

Entrepreneurship

Atlantic Youth Business Initiative*	8,777	17,734	-
Loan for Enterprise and Network Development (LEND)*	-	549,640	352,941
Atlantic/UTT Agricultural Enterprise Training*	24,522	-	19,662
Sub-total	33,299	567,374	372,603

Grand Total	863,505	1,198,179	2,306,270
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*No spend in indicated year(s) due to some initiatives being suspended due to pandemic restrictions, and/or change to Atlantic's in-year Sustainability focus



Moving a generation ahead

