



2021 Sustainability Report

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About this Report

This report contains information that aligns with certain requirements in the [Global Reporting Initiative \(GRI\)](#) Sustainability Reporting Guidelines, the [Sustainability Accounting Standards Board \(SASB\)](#) Standards, the [Task Force on Climate-related Financial Disclosures \(TCFD\)](#), and the [United Nations Sustainable Development Goals \(UN SDGs\)](#). Estimates and calculations related to GFL's GHG emissions inventory have been prepared according to greenhouse gas emission accounting best practices and the [Greenhouse Gas Protocol](#), developed by the World Business Council for Sustainable Development (WBCSD) and the World Resources Institute (WRI), and verified by an independent third party.

Unless otherwise indicated, the information in this Sustainability Report is for the 2021 calendar year and all dollar amounts are in Canadian dollars.

Forward Looking Statements

This report includes certain "forward-looking statements" and "forward-looking information" (collectively, "forward-looking information") within the meaning of applicable U.S. and Canadian securities laws, respectively. These include statements regarding our sustainability goals, including reductions in greenhouse gas emissions, use of renewable energy, biogas recovery and leachate management; recycling; nature conservation initiatives; health and safety goals; employee matters, including retention and living wage initiatives; diversity, equity and inclusion; and charitable giving. Statements containing forward-looking information are not historical facts nor assurances of future performance but instead represent management's expectations, estimates and projections regarding future events or circumstances.

Forward-looking information is based on our opinions, estimates and assumptions that we considered appropriate and reasonable as of the date such information is stated, is subject to known and unknown risks, uncertainties, assumptions and other important factors that may cause the actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information, including but not limited to markets for renewable energy products; our operations, including organic growth in our recycling business; our ability to invest in landfill gas projects; and our ability to invest in alternative fuel vehicles.

Other important factors that could materially affect our forward-looking information can be found in the "Risk Factors" section of GFL's annual information form for the year ended December 31, 2021 and GFL's other periodic filings with the U.S. Securities and Exchange Commission and the securities commissions or similar regulatory authorities in Canada.

Shareholders, potential investors and other readers are urged to consider these risks carefully in evaluating our forward-looking information and are cautioned not to place undue reliance on such information. There can be no assurance that the underlying opinions, estimates and assumptions will prove to be correct. Although we have attempted to identify important risk factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors not currently known to us or that we currently believe are not material that could also cause actual results or future events to differ materially from those expressed in such forward-looking information. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. The forward-looking information contained in this report represents our expectations as of the date of this report (or as the date it is otherwise stated to be made), and is subject to change after such date. However, we disclaim any intention or obligation or undertaking to update or revise any forward-looking information whether as a result of new information, future events or otherwise, except as required under applicable U.S. or Canadian securities laws.



Message from Our Founder and CEO

The release of our comprehensive sustainability goals with this year's report is another significant milestone for GFL.

Since I founded GFL in 2007, we have been driven by our entrepreneurial and innovative culture to meet our customers' needs for environmentally responsible and sustainable solutions. Setting our sustainability goals, targets and commitments, as part of our Sustainability Action Plan, is another important step in meeting our commitment to our customers, employees and stakeholders. Developing our Plan has been a team effort between our business leaders and operators, working together to define goals that are ambitious and achievable. Most importantly, our Plan includes a clear path to achieving our goals that is laid out in this report.

Our employees continue to be the key to GFL's success. We are committed to making GFL a place where our employees want to start and live out their careers. We are focused on implementing our diversity, equity, inclusion and belonging roadmap which includes our commitment to increase the percentage of women across GFL's workforce through our Women in Waste program. Our roadmap will also be key to achieving our goal to increase employee retention and engagement.

In 2021, we formed GFL Renewables, our platform to develop landfill gas to renewable natural gas projects at our landfills, as well as solar and wind opportunities. We currently have 22 RNG projects at various stages in our pipeline. We expect these projects to generate significant returns on our investment, with the first 2 projects expected to come on-line in mid to late 2023.

Our RNG projects will also help us to achieve our greenhouse gas reduction targets and help our customers realize their own sustainability goals by providing a renewable fuel source to displace their use of virgin fuels. With our significant investment in RNG, we have set a goal to double our beneficial use of biogas by 2030.

Converting our solid waste fleet from diesel to CNG or alternative fuel is another key action to achieving our greenhouse gas reductions. In 2021, just over 15% of our solid waste fleet was powered by CNG. Our Plan includes our commitment that 50% of our annual solid waste fleet replacements will be with CNG-powered or alternative fuel vehicles.

Our ESG journey is just getting started, but the concepts that drive our Plan are deeply rooted in our culture. Having the context of where we came from and where we are going is important given we have tripled the size of our business since 2018. While we aspire to setting targets that will be accepted by organizations like the Science Based Targets initiative, given our significant growth and our recent investments in RNG, we have set a short-term goal to reduce our combined scope 1 and scope 2 GHG emissions by 15% by 2030 from a 2021 baseline.

As part of our commitment to helping our customers achieve their own sustainability and extended producer responsibility goals, we continue to make significant investments in material recovery facilities (MRFs) to meet the growing demand for material recovery and management. These investments

are laying the foundation to achieving our goal to increase recyclables recovered at our MRFs by 40% by 2030. Our Arrow Road MRF in Ontario that uses the latest in AI and optical sorter technologies to increase recovery rates, was named 2022 Recycling Facility of the Year by the National Waste and Recycling Association in September. You will see some of our employees from the Arrow Road MRF proudly featured on the front page of this report.

We also take great pride in our Full Circle Project (FCP) where GFL employees partner with local charities donating time and GFL's dollars to help support their communities. In 2021 we contributed \$1.3 million in charitable giving with \$1 million coming from the Full Circle Project. We are committed to continuing support across our communities with a goal of donating \$1.5 million through GFL's Full Circle Project annually.

We are excited to share the achievements of Team Green featured in this report. The commitment of our employees gives us confidence that together, we will achieve a more sustainable future for all of our stakeholders. We look forward to sharing our progress in the years ahead.

Patrick Dovigi

GFL Founder and CEO



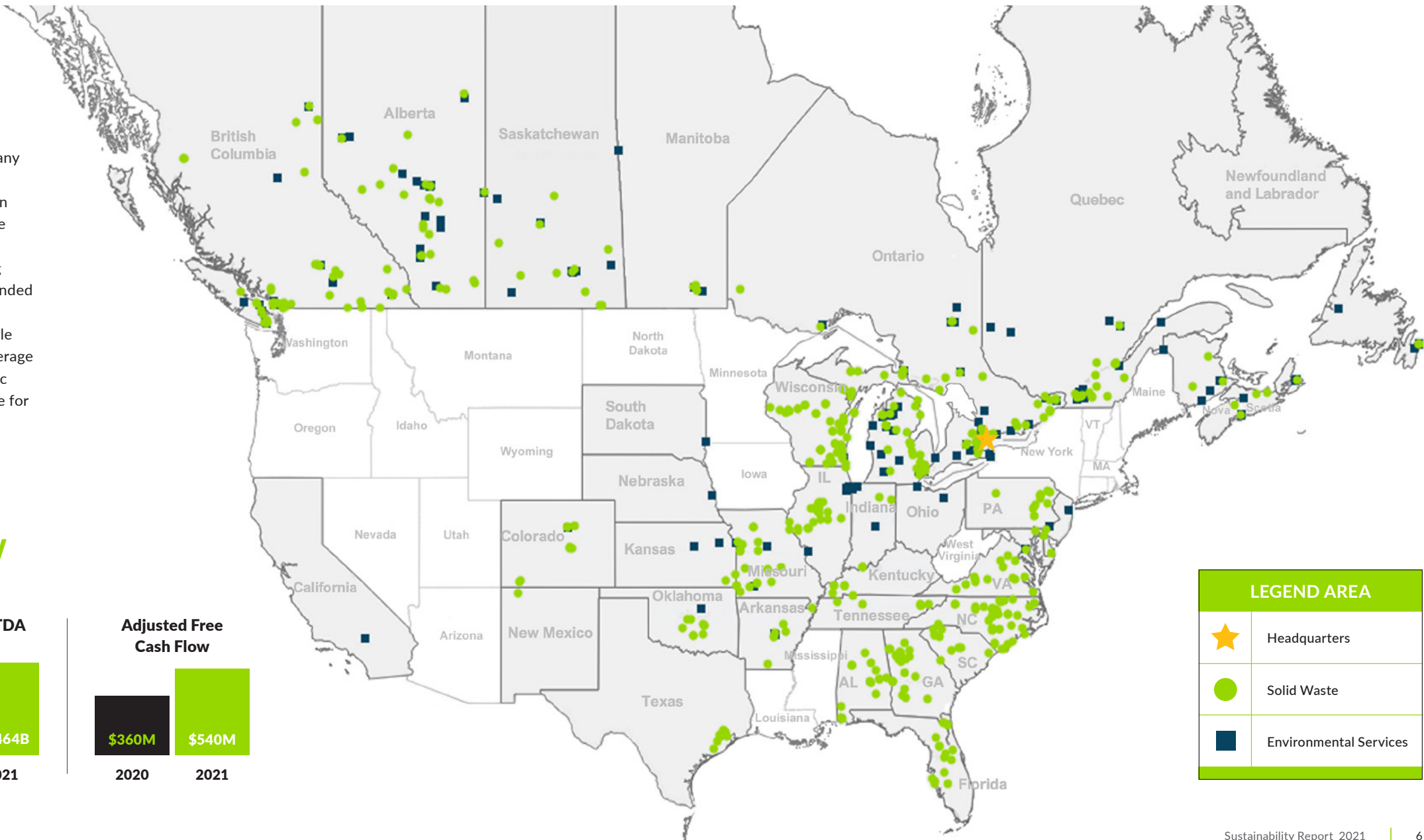
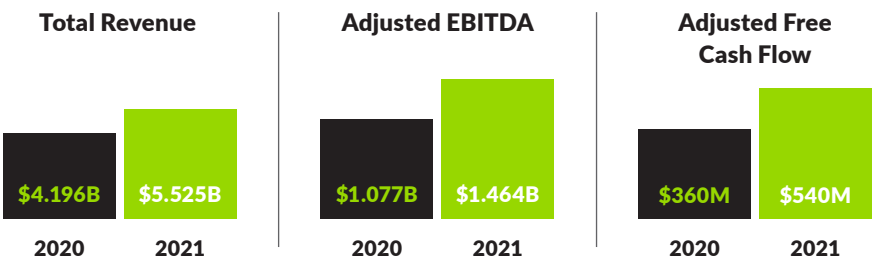
A woman with dark hair in braids, wearing a bright yellow safety vest with a GFL logo, is smiling while operating a green garbage truck. She is seated in the driver's cab, with her hands on the steering wheel and gear shift. The truck's interior is green, and the exterior is also green. The background shows a residential neighborhood with houses and trees.

GFL AT A GLANCE ▶

Our Footprint















Headquartered in Vaughan, Ontario, Canada, GFL Environmental Inc. (GFL) was founded in 2007 and has since grown to become the fourth largest diversified environmental services company in North America. 2021 was another year of significant expansion for GFL, which saw us again broaden our geographic reach and depth to more communities in Canada and the United States. We completed 46 acquisitions in 2021, including Terrapure Environmental, that significantly expanded our environmental services footprint in Canada. As we build on our leading platform of sustainable environmental solutions, we will continue to leverage strategic, accretive acquisitions alongside organic growth to create long-term and sustainable value for our stakeholders.

Financial Overview



LEGEND AREA	
★	Headquarters
●	Solid Waste
■	Environmental Services

Our Operations

<div>230+</div> <div>solid waste collection operations</div> <div></div>	<div>30+</div> <div>Material Recovery Facilities (MRFs)</div> <div></div>	<div></div>	<div>90+</div> <div>active landfills owned, managed, or operated</div> <div></div>	<div>160+</div> <div>transfer stations</div> <div></div>	<div></div>	<div>20+</div> <div>organic facilities</div> <div></div>
<div></div>	<div>10,000+</div> <div>solid and liquid waste trucks</div> <div></div>	<div>13</div> <div>soil remediation facilities</div> <div></div>	<div></div>	<div>130+</div> <div>liquid waste facilities</div> <div></div>	<div>15.3%</div> <div>of solid waste collection fleet fueled by CNG</div> <div></div>	<div></div>

Awards and Recognition

<div>2021 Excellence Awardees</div> <div></div>	<div>National COR Standards</div> <div></div>	<div>Certified ISO Company</div> <div></div>	<div>2021 Canadian Business Review Board</div> <div></div>
<div>2021 Best Business Practice Quebec</div> <div></div>	<div>2021 Safest Company of the Year</div> <div></div>	<div>2022 Recycling Facility of the Year</div> <div></div>	



Team Green

18,000+

employees

51% U.S.

49% Canada

Over 40%

of our employees are millennials or centennials

5.6 years

average employee tenure

6.2%

employees that are veterans



Giving Back

The Full Circle Project (FCP) is GFL’s unique, community-driven charitable giving program that supports local charities in the communities where we operate.

Full Circle Project Charitable Donations

\$1,002,064¹



Helping Our Customers

GFL’s services allow our customers to achieve their own sustainability goals by providing them with options for environmentally responsible and sustainable management of the waste streams they produce.



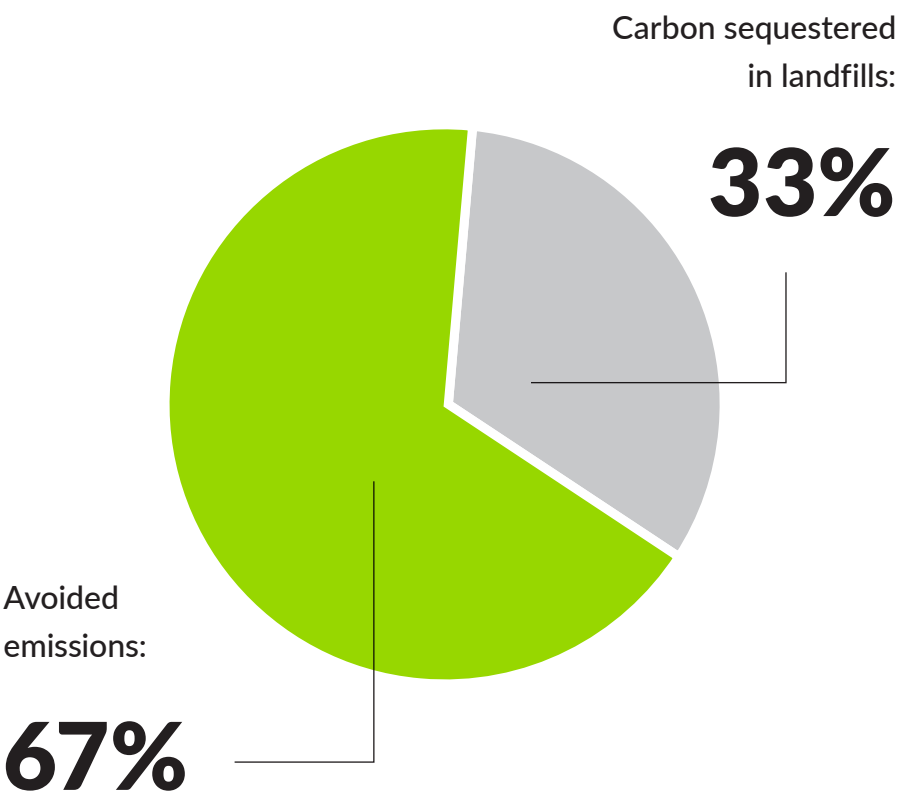
Recyclable Material Managed by GFL	
	2021
Recyclables and organics managed	3,166,497 tonnes
Landfill gas recovered for beneficial use	5,733,368 MMBtu
Soil recycled	2,067,727 tonnes
Used motor oil and antifreeze recycled	220,033,855 litres
Wastewater treated for our customers (e.g., septage, oily wastewater)	221,363,863 litres

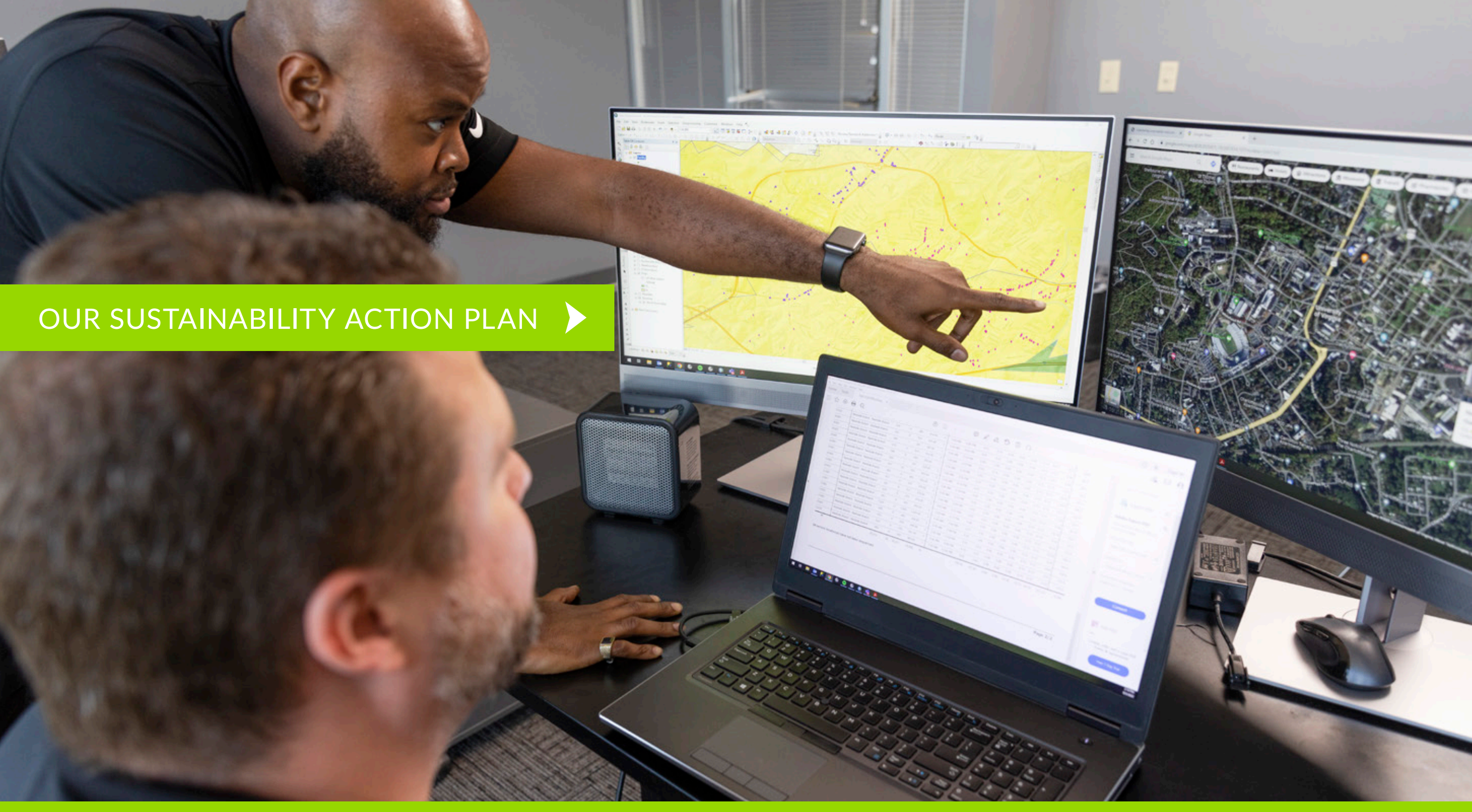
¹ This amount includes only corporate giving through the GFL FCP. A significant amount of giving also occurs at the regional and branch level.

GHGs Avoided for Our Customers

12,129,770 tonnes of GHG emissions avoided and carbon sequestered (as CO₂e)

1,482 tonnes of GHG emissions avoided (as CO₂e) per million dollars of sales





OUR SUSTAINABILITY ACTION PLAN ▶

Overview

In our 1st Sustainability Report, released in 2020, we described our first critical steps in formalizing our overall sustainability strategy, including describing our Sustainability Governance Structure and our award-winning Environmental Innovation Program. We also committed to establish and announce a comprehensive set of sustainability goals in our 2021 Sustainability Report. This report delivers on that commitment and contains our Sustainability Action Plan.

Our Sustainability Action Plan formalizes and broadens GFL’s sustainability efforts and will be our guide to:

- Increase avoided GHG emissions for our customers through the sustainable solutions that we provide such as greater resource recovery and recycling solutions and beneficial use of landfill gas.
- Reduce the direct GHG emissions from our operations through increased gas capture at our landfills and the use of alternative fuel vehicles in our fleet.
- Increase the sustainability innovations that come from within our business by continuing to invest in our employees and our entrepreneurial and innovative culture.

Elements of Our Sustainability Action Plan

There are four core elements in our Sustainability Action Plan:

- Our Vision, Values, and Business Strategy
- Our Sustainability Governance Structure
- Materiality Assessment
- Our Sustainability Goals

Our Vision, Values and Business Strategy

The foundation of our Sustainability Action Plan is our vision, values, and business strategy.

Our Values

Our values listed below support us in achieving our vision. They are intended to guide us in both our day-to-day decision making and in implementing our business strategy to create long term stakeholder value.

- Safe For Life
- Teamwork
- Solutions-focused
- Entrepreneurial

Our Business Strategy

The key actions in our Sustainability Action Plan are embedded in each of these pillars:

1. Drive operational excellence
2. Generate strong, stable organic growth
3. Execute strategic, accretive acquisitions
4. Invest in our entrepreneurial and innovative culture





*GFL is built on the
clear vision of being
a greener alternative.
Our name is our
brand and we have
a lot to live up to.*

Patrick Dovigi
GFL Founder and CEO

Materiality Assessment

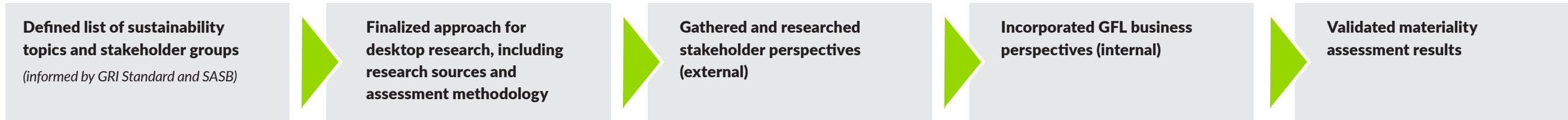
To ground our Sustainability Action Plan in what matters most to our business and our stakeholders, and to identify risks and opportunities in implementing our business strategy, in 2021 we undertook our first materiality assessment. The following 19 topics were included in our materiality assessment.



In completing our materiality assessment, we considered the perspectives of our stakeholders including our employees, customers, and shareholders. The analysis also drew from internal working sessions with our employees including our executive leadership.

The results of our materiality assessment provide insights into those topics that our stakeholders identified as having the potential to have significant economic, environmental, or social impacts on our business. The results of our assessment are set out in our materiality matrix located on the next page.

Steps in Our Materiality Assessment



Materiality Matrix

Our materiality matrix shows, in the upper right corner, the topics that are of primary interest to our stakeholders and therefore a higher priority for us.

As we implement our Sustainability Action Plan, we intend to regularly review and update our materiality assessment to help inform our progress and identify new or emerging interests among our stakeholders as well as priorities for our business. Future materiality assessments will include in-depth engagement with our internal and external stakeholders, including interviews and surveys.

Sustainability Action Plan Areas

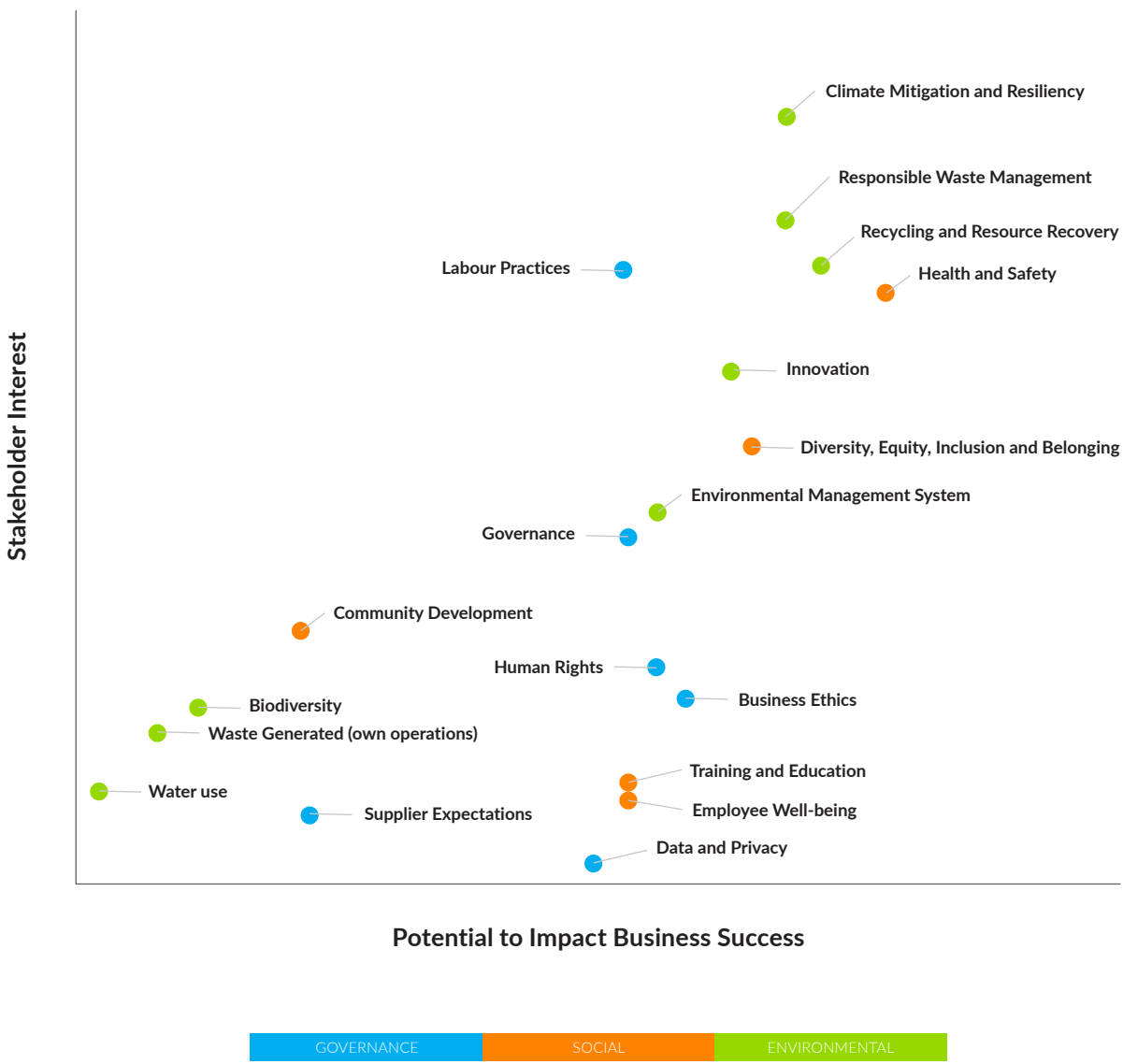
Our materiality assessment helped us group the most important topics to form the main areas of our Sustainability Action Plan as follows:

- Our Employees
- Circular Economy and Climate Leadership
- Environmental Stewardship
- Our Communities

The format of this report follows these four main Sustainability Action Plan areas.



GFL Materiality Analysis



Sustainability Governance

Our sustainability governance structure is designed to embed sustainability in everything we do. GFL’s Board of Directors oversees the overall strategic direction of GFL and monitors material risks, including those related to climate change, through the Nomination, Governance and Compensation (NGC) Committee and the Audit Committee.

The NGC’s responsibilities include:

- Providing guidance to management in defining our sustainability-related goals and commitments and monitoring our overall implementation of our Sustainability Action Plan, ensuring that we periodically review and revise our goals in response to changing internal and external factors.

The Audit Committee’s responsibilities include:

- Guiding management in identifying and managing key business risks and opportunities that could potentially have significant financial or social impacts on our business.
- Reviewing our management of the identified risks and opportunities including those related to environmental and social topics.

We have two executive-level management committees, the Sustainability Initiatives Committee (SUSIC) and the Risk Management Steering Committee, that helped us in developing our Sustainability Action Plan. These committees will now monitor our implementation of the Plan and, more broadly, manage our climate-related risks and opportunities.

The Sustainability Initiatives Committee (SUSIC)

The SUSIC is composed of our CEO, CFO, COO, Chief Legal Officer, Chief Human Resources Officer, EVP Strategic Initiatives, Area Vice-President Environmental Services and other corporate VPs, including the Vice-President, Environmental Responsibility and Sustainability. The Committee is responsible for:

- Identifying GFL’s sustainability goals and strategies to ensure that sustainability continues to be integrated across our operations.
- Defining our sustainability related key performance indicators (KPIs) to ensure accountability for achieving our goals and commitments.

The SUSIC meets on a quarterly basis, and reports semi-annually to the NGC Committee.

Our climate-related goals are defined by the SUSIC using the framework recommended by the Task Force on Climate Related Financial Disclosures (TCFD). Our Sustainability Action Plan includes a clearly defined pathway to achieve our GHG reductions by our target year of 2030. GFL is also implementing a 3-year plan to prepare a standalone TCFD report of our climate related goals (see Appendices).

The Risk Management Steering Committee





The Risk Management Steering Committee oversees the implementation of our enterprise risk management system, including all of our employees, health and safety and climate-related risks and opportunities. The Risk Management Steering Committee is composed of our CFO, COO, Chief Legal Officer, EVP Strategic Initiatives, Area Vice-President Environmental Services and other corporate VPs, including the Vice-President, Internal Audit and Compliance and the Vice-President, Environmental Responsibility and Sustainability. The Risk Management Steering Committee reports to the Audit Committee on the implementation and management of our enterprise risk management system.

We are Committed to Our Sustainability Performance

With the assistance of our in-house sustainability team led by our Vice-President, Environmental Responsibility and Sustainability, GFL’s operations are responsible for implementing our Sustainability Action Plan and providing data to track the achievement of our KPIs. Consistent with our entrepreneurial and innovative culture, we also rely on our operations to raise with the SUSIC the changing needs of our customers and requirements of local regulators. This will allow us to continuously refine our Sustainability Action Plan to reflect these evolving risks and opportunities.

In 2020, we tied 20% of the incentive compensation for our five named executive officers to the achievement of non-financial metrics, including health and safety, environmental sustainability and diversity. We are committed to incorporating the achievement of non-financial metrics including the goals in our Sustainability Action Plan, into our incentive plans across a broader cross section of our employees.

Our Sustainability Goals²

 <p>TRIR of 2.0 or less</p>	 <p>Increase beneficial use of biogas from landfills 2x by 2030</p>	 <p>Increase recyclables recovered at GFL MRFs by 40% by 2030</p>		 <p>85% of our CNG fleet to be powered by RNG in 2030⁴</p>
	 <p>Increase employee retention³</p>	 <p>Increase percentage of women in workforce annually</p>	 <p>Decrease scope 1 and 2 emissions 15% by 2030</p>	 <p>50% of annual solid waste fleet replacements to be CNG or alternative fuel vehicles</p>
 <p>\$1.5M annually in donations to communities through GFL's Full Circle Project</p>		 <p>Certify nature conservation or protection projects for 10 sites by 2025</p>		 <p>Use 100% renewable electricity at our own facilities by 2030</p>

² Our base year for our goals is 2021. ³ Increasing employee retention is an ongoing goal. ⁴ U.S. Fleet

A group of four diverse professionals are seated around a small, round white table in a modern office lounge. The man on the left, with dreadlocks and a beard, is smiling and gesturing with his hand. The woman next to him is looking towards him. The woman across from him is wearing glasses and a white top, looking towards the man. The woman on the far right is wearing a polka-dot top and is also smiling. On the table are four black mugs with the 'GFL' logo, a small potted plant, a pair of glasses, and a smartphone. Large windows in the background provide a view of a city skyline.

OUR EMPLOYEES ►

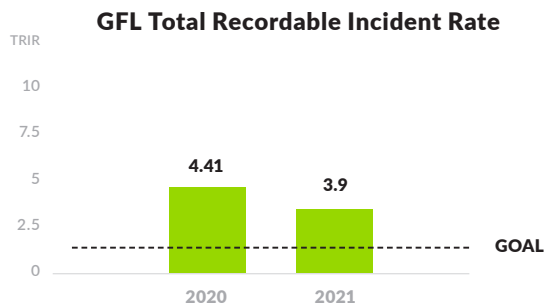
Our Employees

Collectively known as ‘Team Green’ – a name that unites GFL employees under our shared vision to be Green For Life – our talented workforce has enabled us to grow into the environmental solutions leader we are today. Our employee-related goals that form part of our Sustainability Action Plan are aimed at building upon our Safe For Life priorities, improving employee engagement, providing our employees with opportunities to develop their careers and implementing our diversity, equity, inclusion and belonging roadmap.

Health and Safety

Safe For Life

Our health and safety program, Safe For Life, ensures that we are implementing our [Corporate Health and Safety Policy](#), and is our roadmap to achieving our TRIR⁵ goal of 2.0 or less. Through our Safe For Life program, our TRIR improved by more than 12% from 2020 to 2021.



⁵ Total Recordable Incident Rate is a function of the number of incidents and the number of hours worked in a calendar year.

Safe For Life gives our employees the best-in-class knowledge, training, and tools to perform their jobs safely and effectively in compliance with all applicable regulatory requirements. It implements an internal responsibility system to ensure continuous assessment and improvement in our performance. The program includes in-class and on-the-job training and coaching for all operational employees, the allocation of resources required to meet our Safe For Life commitment, and the adoption of technology and innovations to support our health and safety goals.

Our employees play a central role in the development, implementation, and promotion of Safe For Life. Our monthly safety newsletter, the ‘Safe For Life Scoop’, is an employee-driven publication that allows our employees to lead by example. It provides the first-hand experiences of our employees on how to avoid and react to incidents, information on upcoming training sessions and developments, as well as highlighting the many health and safety achievements of our employees, such as our Environmental Services business being named by EHS Today® as one of America’s Safest Companies for 2022. More information on this and other GFL achievements can be found [here](#).

Our P.A.U.S.E program, that we also developed in-house, reminds our employees to proactively assess the risks posed by any task before they do it.

More information about our Safe For Life program can be found [here](#).

Safety Enterprise Management System

In 2020, we implemented our 3-year plan to upgrade our electronic Safety Enterprise Management System (SEMS) and committed to spend \$2M on these improvements by 2023. We are on track to meet this commitment.

In July 2021, we launched our new advanced technology-based SEMS across our entire footprint. Our field employees use SEMS to enter and track incidents and near misses in real time. SEMS ensures that supervisors are immediately notified of the occurrence of these incidents. SEMS also generates detailed reports and forms that are used to analyse the health and safety impact and cost of each recorded incident. This access to real-time information and reports across our operations provides us with valuable tools that we use to enhance our training and coaching programs, and identify where we need to apply additional resources to strengthen our health and safety culture.



BEFORE YOU START WORK, P.A.U.S.E!

P – Pause:	A – Analyze:	U – Understand:	S – Secure:	E – Engage:
Think about the task I’m going to do.	Identify any hazards.	What risk could those hazards pose?	Implement controls, tell others.	Safely complete the task.

If you feel unable to complete your task safely, **DO NOT** proceed and seek immediate instruction from your supervisor.

We will P.A.U.S.E to ensure we’re Safe For Life! | gflenv.com/safety

Employee Engagement

We are committed to making GFL a place where employees want to begin and live out their careers. We recognize that increasing employee engagement is key to increasing employee retention and that a focus on employee well-being, that extends beyond their safety, plays an important role in achieving our goal.

Our Sustainability Action Plan includes our commitments to develop and implement these initiatives to ensure the well-being of Team Green:

Full-time Employment: We are committed to providing our employees with secure, predictable work. More than 95% of our employees work for us on a permanent, full-time basis.

Living Wage Assessment: We offer competitive wages and benefits to our employees in all of our markets. By implementing a system for market-by-market reviews of our compensation structure, our Sustainability Action Plan commits us to ensuring that our employees are paid a living wage in their market area.

GFL Employee Scholarship Fund: We believe in providing our employees with access to opportunities for continuous learning. Our Sustainability Action Plan includes establishing the GFL Employee Scholarship Fund that will allow GFL employees and their direct family members to tap into financial support for secondary and post-secondary education.

GFL Employee Relief Fund: The GFL Employee Relief Fund will support GFL employees that experience periods of financial hardship from unexpected events such as a natural disaster or family emergency.

Employee Engagement Survey: To ensure that our employees are engaged in the work they do and aligned with GFL’s vision and values, our Sustainability Action Plan includes completing our first company-wide employee engagement survey by 2025.

Employee Spotlight

Tami Craig was awarded the Solid Waste Association of North America (SWANA) Georgia Chapter 2021 Solid Waste Professional of the Year (Private Sector) for her role as General Manager of GFL’s Grady Road Landfill in Polk County, Georgia. In late 2021, Tami was promoted to Regional Landfill Gas Program Manager. With over 25 years of experience in the waste industry ranging from billing and collections, scale house operations and heavy equipment operations to management, Tami is truly a role model for our female employees.



I am extremely proud of this award, but humbled at the same time, because all it took was honesty, transparency, and doing what’s right.

Tami Craig

Diversity, Equity, Inclusion, and Belonging

Our diversity work started in our eastern Canada operations in 2018 with a targeted initiative to recruit more female drivers and promote their retention and advancement. In 2019 we launched the Women in Waste (WIW) success story series on our social media channels featuring the experiences and insights of our women employees working in non-traditional roles.

In 2019, we also founded our corporate women leaders’ group, an employee resource group that brings together women with corporate positions of Director or above for education, informal mentorship and support. In 2020, we surveyed women in our field operations to find out what we could do to ensure that they would stay at GFL throughout their careers. As a result of that survey, we are implementing a broader Women in Waste virtual support network to include women in our field operations.

We are proud of the progress we have made to date through our WIW initiative. In our eastern Canadian operations, 4 of our 5 largest (by revenue) hauling yards are run by women, many of whom have come up through the ranks into their current leadership roles. To ensure we maintain our focus on building diversity, our Sustainability Action Plan includes a goal to increase the percentage of women across GFL.

In 2021, building on our experience with Women in Waste, we began developing and implementing a multi-year strategy and roadmap to build greater Diversity, Equity, Inclusion and Belonging (DEI&B) across GFL. To be successful at GFL, DEI&B must become part of our culture and a key pillar of our business strategy. We began building our roadmap with a 360° review of our current state and practices through interviews with a broad cross-section of our employees. Following on the results of that review, in early 2022 we established our Working Group of employees from across GFL with a passion for championing this work. The Working Group meets monthly to share best practices from their experiences and provide guidance to our internal team and external consultants on next steps.





On a pilot basis, in fall 2022 we ran two-day change management training sessions with employees in four market areas in Canada and the United States. We will use the lessons learned from those sessions to implement training across GFL in 2023.

As part of our DEI&B commitment, our Founder and CEO, Patrick Dovigi, signed the CEO Action for Diversity & Inclusion™ - the largest CEO-driven business commitment to advance diversity and inclusion within the workplace. More information on the CEO Action Pledge can be found [here](#). We are far enough along in identifying and implementing our DEI&B roadmap that we have confidence that the commitments in the pledge align with our roadmap.

As we begin to implement our strategy, we anticipate that our DEI&B goals and commitments in our Sustainability Action Plan will continue to evolve.

GFL values the unique skills and abilities that veterans possess. Their knowledge and experience make them well suited for a wide variety of positions at GFL allowing them to enjoy successful post-service careers. We are very proud to have our employees and veterans of the United States Armed Forces Willie Brown, Andrew Smith, and Nicholas Zdeb featured on [Military Makeover Operation Career](#). Thank you Willie, Andrew, and Nicholas for your service and for being great ambassadors for GFL!



CIRCULAR ECONOMY AND
CLIMATE LEADERSHIP ➤

Circular Economy and Climate Leadership

Our vision is to be Green For Life. To achieve that vision, our ambition is to be recognized as a circular economy and climate leader in our industry.

There are two parts to achieving our ambition that are reflected in the circular economy and climate leadership goals that we have set:

1. Providing our customers with the waste diversion and reuse services and products like recycling, material recovery, composting, and landfill gas capture and utilization, which directly support the transition from a ‘take-make-waste’ extractive economy to a more circular one. Not only do these services allow us to be a meaningful participant in the circular economy by providing recyclable raw materials that reduce our customers’ need for virgin materials, they also help our customers reduce their GHG emissions. Our circular economy related goals focus on growing these services and products.
2. Identifying and implementing an ambitious, achievable and transparent pathway to reduce our own GHG emissions in the short-term. We see this as our first step towards setting future goals that would be accepted as science based targets from organizations such as the Science Based Targets initiative (SBTi). Our climate leadership goals focus on investing in the technologies and practices that will reduce our own GHG emissions primarily from our landfills and our fleet.

In keeping with our solutions-focused business strategy, our circular economy and climate leadership goals are the product of a two-year engagement with operators and business leaders throughout GFL and are grounded by a thorough analysis and understanding of the climate science driving the urgency to reduce GHG emissions and the GHG mitigation opportunities in our business that support a reduction pathway.

GFL’s climate goals focus on reducing our own GHG emissions while prioritizing the important role we play in the transition to a circular and low-carbon economy. We have set ambitious short-term goals that align with our business strategy and represent the highest and best use of our capital resulting in sustainable growth for our business as well as meaningful reductions to our customers’ and our own GHG emissions.



Increase recyclables recovered at GFL MRFs by 40% by 2030



Increase beneficial use of biogas from landfills 2x by 2030



Decrease scope 1 and 2 emissions 15% by 2030



Pathways to Helping Our Customers Achieve Their Sustainability Goals

In 2021, our products and services helped our customers avoid, or sequester in our landfills, over 12 million tonnes of GHG emissions (as CO₂e), a 52% increase from 2020. This increase was largely the result of organic growth of our recyclables recovery and processing business and acquisitions completed.

Increasing Recovery of Recyclables

The pathway to meeting our goal of increasing our recyclables recovered by 40% by 2030 is through increasing the volume of recyclables received at our facilities, continuing to make investments in sophisticated sorting technologies and expanding our sorting capacity to meet increasing customer demand at existing and to-be-constructed facilities.

By the end of 2021, more than 15 artificial intelligence (AI) supported vision systems and 59 optical sorting units were operating in our MRFs, allowing us to deliver higher recovery rates.

We are currently constructing a state-of-the-art MRF in Pontiac, Michigan which is scheduled to come online by the end of 2022 and have the capacity to process over 110,000 tonnes of recyclables per year. The new facility is modelled after our Winnipeg, Manitoba MRF, that was recognized in 2020 by the National Waste and Recycling Association (NWRA) as Recycling Facility of the Year. We were proud to receive this same award in 2022 for GFL's Toronto Multi-Material Recovery Campus (GFL's Arrow Road MRF in Toronto, Ontario, Canada).

We will also use the expertise that we have gained from operating the only full [Extended Producer Responsibility \(EPR\) program](#) in North America for Recycle BC in British Columbia, Canada, in other jurisdictions looking to implement EPR. Under that program, GFL processes over 200,000 tonnes of packaging and paper material annually.

Helping Our Customers Achieve Better Waste Diversion

Driving higher recovery rates at our MRFs starts with helping our customers understand the positive impact of source separation on diversion rates and the circular economy. Through our waste audit services, as well as tours of our MRFs, we help our customers understand their opportunities for increased waste diversion.

Materials Recovered at GFL Facilities

All values in tonnes

	2021
Recyclable materials recovered at GFL MRFs	1,236,542
Fibre	959,467
Glass	67,679
Plastic	147,826
Metal	61,570
Recyclable materials recovered at other GFL facilities	545,167
Fibre	91,658
Plastic	35,704
Metal	14,019
Construction materials	163,784
Wood	237,979
E-waste and batteries	2,023



Renewable Natural Gas: Increasing the Beneficial Use of Biogas

In 2021, over 5.7 million MMBtu of landfill gas was recovered from our landfills for beneficial use. Landfill gas recovered was used to produce electricity to supply local electricity markets or for our own use, or converted to pipeline renewable natural gas (RNG) for use as an alternative fuel.

Our goal to double the beneficial use of biogas from our landfills will be achieved through the development of new RNG projects at our landfills.

We formed GFL Renewables in 2021 to be our platform for accelerating the development of renewable RNG and other renewable energy projects, such as wind and solar, at our landfills.

As of this report, we have five RNG projects in active development. These first projects are among the largest in our portfolio with two expected to come on-line in mid to late 2023. We have another seven sites that are under negotiation or starting development. We also continue to evaluate development partners for nine additional sites we have identified.

Supporting the Transition to a Circular and Low-Carbon Economy

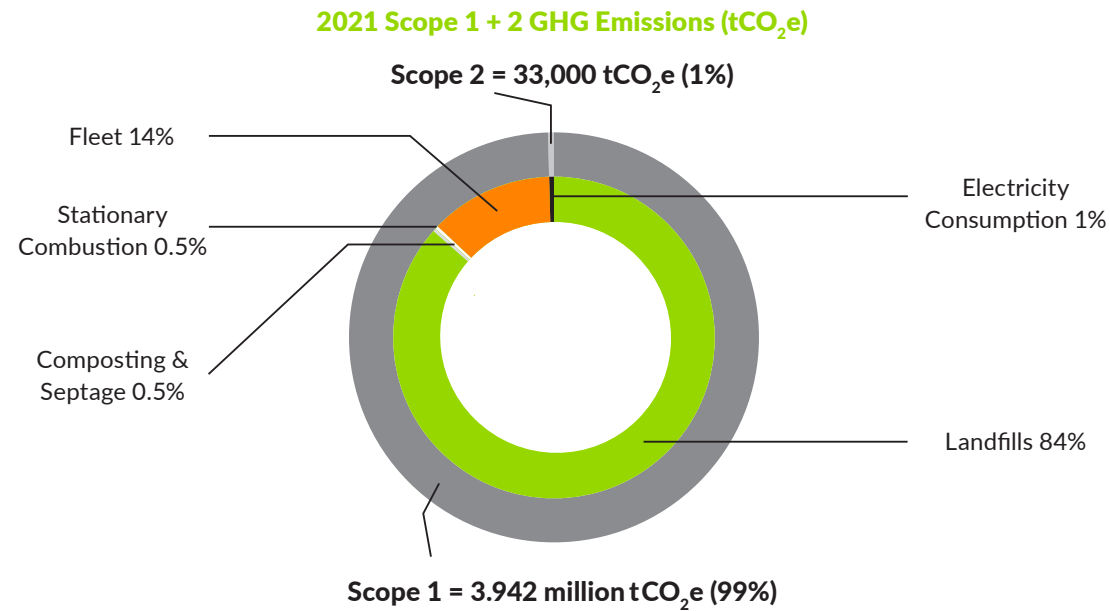
At the beginning of 2022, GFL was named to the Carbon Clean 200™⁶ – a ranking of the top 200 publicly traded companies (from an assessment of over 8,000 global firms) that are leading clean economy solutions. This achievement recognized GFL's high-quality material recovery operations and environmental services that have diverted millions of tonnes of material from landfills and recycled millions of litres of liquids including wastewater.

⁶ See the As You Sow report here: <https://www.asyousow.org/report-page/2022-clean200>



Pathway to Reducing Our Total Scope 1 and 2 GHG Emissions by 15% by 2030

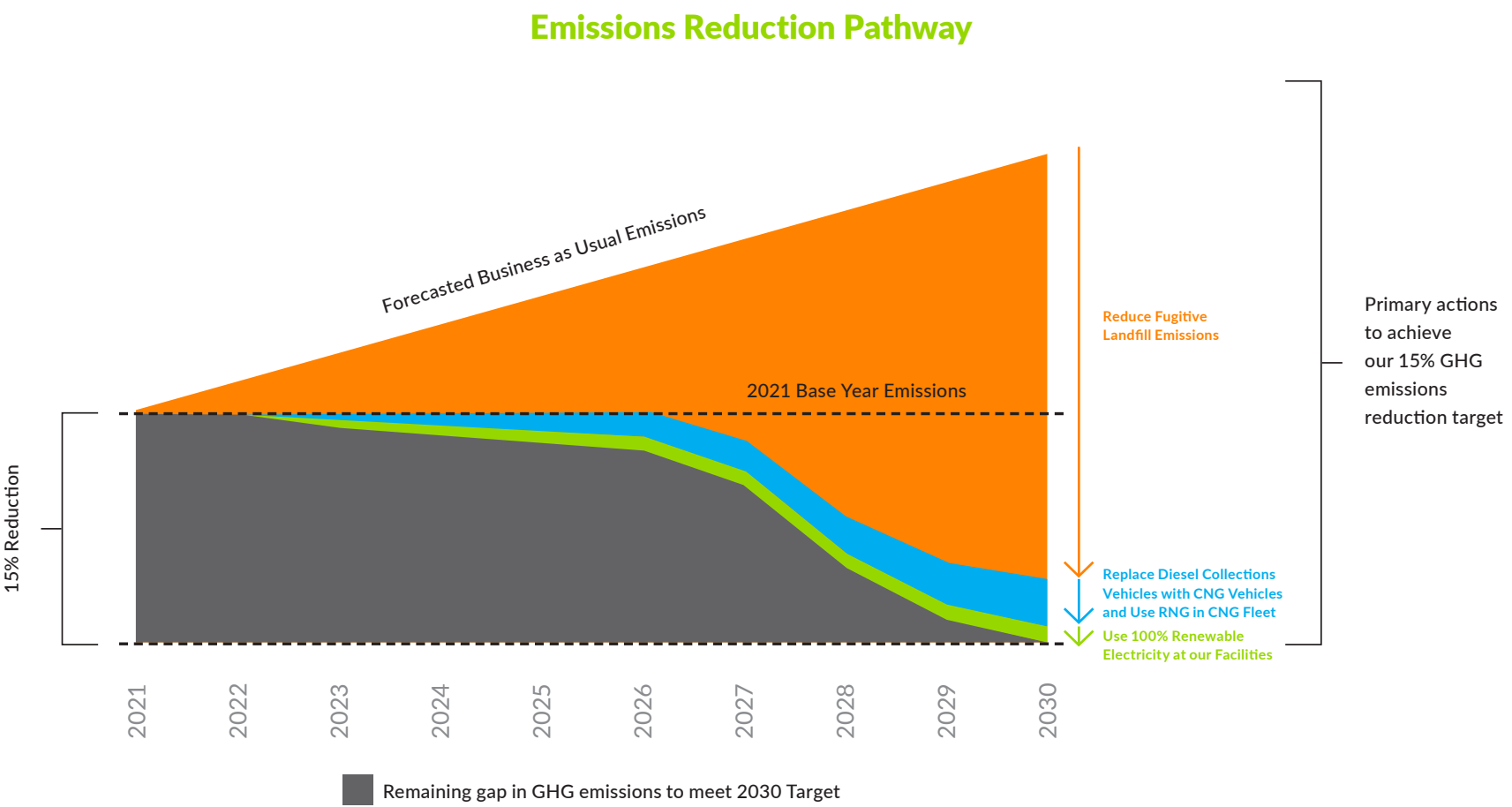
The chart below summarizes our 2021 scope 1 and 2 GHG emissions. Estimates and calculations related to GFL’s GHG emissions have been prepared according to greenhouse gas emission accounting best practices and the Greenhouse Gas Protocol, developed by the World Business Council for Sustainable Development (WBCSD) and the World Resources Institute (WRI), and verified by an independent third party.



The largest portion of our scope 1 emissions are from our landfills. GHG emissions generated by landfills are a function of waste that has been received in prior years. As waste degrades over an extended period of time it continues to generate increased levels of methane for many years after its placement. In late 2020 and 2021, GFL added 45+ landfills to our footprint through acquisitions. Emissions from the combustion of fuel by our fleet is the second largest contributor to our scope 1 GHG emissions.



Our pathway to achieving our short-term GHG emissions reduction goal includes reducing fugitive emissions at our landfills through improved gas capture and reducing fugitive emissions from our fleet. Our emissions reduction or decarbonization pathway is illustrated in the chart below.



Emissions from our active landfills increase year over year as waste in place continues to degrade and emit higher levels of GHG emissions. Achieving a 15% reduction in our scope 1 and 2 emissions will result in a reduction in scope 1 emissions at our landfills from a forecasted business-as-usual scenario by 2030 of over 38% (over 4% per year) from our 2021 base year.



Reducing Fugitive Landfill Emissions

With the shift to viewing landfill gas as a renewable energy resource, the future of landfill gas management is focused on continuing to ensure environmental protection while achieving higher gas capture efficiencies to reduce fugitive landfill gas emissions. Capturing more gas for beneficial reuse is a key to achieving our goal of reducing our total scope 1 and 2 GHG emissions by 15% by 2030. Our newly formed Landfill Gas Working Group includes a cross-section of employees from our sustainability, landfill management, RNG development, health and safety, and environmental compliance teams that will work together to implement best practices to help us achieve our goal.

The Future of Fugitive Emissions Monitoring

GFL is participating in tests of the next generation of Surface Emission Monitoring tools using satellite, aircraft, drones, and fixed sensors to measure landfill gas emissions more accurately. More accurate measurements of landfill gas emissions will ensure that we are investing in technologies and implementing best practices that increase gas capture resulting in fewer fugitive emissions and higher renewable energy generation.

Reducing Fleet Emissions

Actions to reduce our fleet emissions, including through the replacement of diesel collection vehicles with low-carbon and other types of alternative fuel vehicles, is another pathway for us to achieve our GHG reduction goal.

In 2021, compressed natural gas (CNG) powered 15% of our solid waste fleet. We are committed to increasing this percentage with at least 50% of our annual replacement of diesel solid waste vehicles with CNG or alternative fuel vehicles. In addition, by 2030, at least 85% of our CNG fleet⁷ will be powered by RNG fuel, including RNG produced from our landfills.

GFL is also an early adopter of scaled Battery Electric Vehicles (BEVs). In 2022, we were awarded the Gainesville, Florida solid waste collection contract which will be serviced by 30 to 40 BEVs starting in 2023: the largest single-site BEV-serviced waste contract in North America⁸. In addition to being cleaner sources of fuel, both CNG and BEV vehicles are quieter than diesel powered trucks, reducing noise pollution in the communities we serve.

⁷ U.S. Fleet.

⁸ [Gainesville, Florida, seeks to be Southeast leader with major EV deployment, zero-waste policies | Waste Dive](#)



100% Renewable Electricity Use at Our Facilities

Our decarbonization strategy includes a commitment to 100% use of renewable electricity in operations under our control by 2030.

We intend to achieve this target by using landfill gas to heat and power some of our facilities, partnering with renewable energy companies to install other forms of renewable energy (such as solar) at sites such as closed landfills, and purchasing electricity from market-based instruments.



Our Environmental Innovation Program (EIP)

GFL's award-winning⁹ Environmental Innovation Program (EIP) will help us achieve our circular economy and climate leadership goals.

Our EIP is designed to take full advantage of our customers' growing demand for sustainable solutions aligned with the circular economy and our employees' engagement in finding sustainable solutions through our Sustainability Value Initiatives (SVIs) and our Greenlight Innovation Workshop.

Sustainability Value Initiatives (SVIs)

To achieve our climate leadership ambition, we intend to use our next generation and incubator SVIs to identify new technologies and solutions that will help achieve our sustainability goals.

Next generation initiatives are those sustainable solutions that are value-enhancing to our business on a limited or regional scale but are potentially scalable to other geographies or markets.

Incubator initiatives require us to investigate new markets, form partnerships and conduct research or pilot projects to demonstrate their technical feasibility.

In 2021, the five focus areas for our Next Generation and Incubator SVIs shown at the right are:

⁹ <https://gflenv.com/news-media-events-detail/gfl-awarded-seal-award/>

Case Study: Next Generation Circular Economy Initiative

As one of our Next Generation SVIs, GFL is developing emerging high volume industrial material recycling approaches to improve the circularity of resource intensive industries. An example is our partnership with Cobric Chemicals to develop commercial demonstration of High Temperature Metal Recovery (HTMR) technology that separates zinc and lead from Electric Arc Furnace Dust (EAFD) generated by steel mills. Addressing EAFs are a key element of the steel industry decarbonization pathway, and GFL's partnership with Cobric's innovative technology will support local recovery of a key by-product as part of an efficient, low carbon, link in the circular economy.

Focus Areas for Next Generation and Incubator SVIs

Fugitive Emissions and Energy Resource Management

- Next generation surface emissions monitoring using satellites, aircraft, drones and fixed sensors
- Data management and analytics for optimization of gas collection and control systems
- Support research, policy development and sector advocacy into landfill gas measurement and monitoring techniques and technologies by industry associations



Customer Sustainability Pilots

- Tailored services to improve collection of data and understanding of scope 3 emissions
- Service specific performance monitoring and reporting (such as vehicle distance travelled, emissions avoided)



Advanced Wastewater Management

- Leverage expertise to manage leachate and deliver best in class services
- Pilot leachate treatment technologies for emerging contaminants



Advanced Material Recovery

- Develop emerging, high volume industrial material recycling
- Continue investments in advanced MRFs and organics recycling



Zero Emissions Vehicles

- Continue to pilot latest advancements in electric and hydrogen powered vehicles
- Develop roadmap to zero emission fleet



Greenlight Innovation Workshop (GIW)

Launched in 2020, our annual GIW promotes our entrepreneurial and innovative culture, by challenging participants from across GFL to develop practical, sustainable solutions or practices that can improve our operational efficiency, continue to make us our customers’ provider of choice, and set us apart as a leader in the sustainable solutions field.

In July 2021, 40 GFL employees attended our second annual Greenlight Innovation Workshop. The ‘Environmental Innovation Award’ team challenge was won by David Pepper, Tim Curry, Kari Rabideau and Andrew Inouye for their innovative approach in managing PFAS in leachate.



ENVIRONMENTAL STEWARDSHIP



Environmental Stewardship

Environmental Stewardship includes not only our commitment to climate leadership but also to ensuring that our employees use their extensive expertise to manage all of our customers’ waste streams and those generated by our own operations responsibility and in compliance with applicable laws. As part of our Sustainability Action Plan, our environmental stewardship goals ensure that we will continue to provide our extensive range of environmental solutions safely and reliably.

Environmental Responsibility

Our [Corporate Environmental Policy](#) establishes our commitment to environmental protection and continuous improvement through our comprehensive Environmental Management System (EMS).

Built on the principles of the [U.S. Environmental Protection Agency’s Compliance Focused EMS](#), GFL’s EMS ensures that our employees know what is required to operate in compliance with applicable environmental requirements and provides the tools they need to anticipate environmental issues before they develop. The framework for our EMS is modelled after [ISO 14001](#).

Developed at the corporate level, our EMS is executed at the divisional, regional, and facility level through well-defined roles, responsibilities and accountabilities. The day-to-day performance of our corporate EMS is monitored by our Vice-President, EHS and Compliance, as well as by the EHS directors for our solid and environmental services lines of business, using our electronic information management system (SEMS) as well as compliance audits of operations.

An independent audit of each business units’ compliance with our corporate EMS will be conducted at least every three years, overseen by our Vice-President, Environmental Responsibility and Sustainability as part of our Sustainability Action Plan.



Landfills

GFL's landfills play a critical role in ensuring the fully-regulated disposal of municipal solid waste (MSW), industrial wastes, construction and demolition debris (C&D) and special solid wastes in strict compliance with applicable environmental regulations. Following events like Hurricane Fiona that inflicted heavy damage across the east coast of Canada and Hurricane Ian that devastated communities across Southwestern Florida and the Carolinas, GFL's disposal facilities, including its landfills, provide communities with the resources they need to ensure the safe disposal of the large volume of waste materials generated by such extreme weather events.

Many of our landfills also have sophisticated monitoring systems to ensure that the engineering technologies in place are working as they should to protect the environment. These monitoring systems include systems or sampling programs that monitor odor, surface and groundwater, leachate and landfill gas.



The engineered methods used at many of our landfills that are designed to protect the environment include:

- Impermeable High Density Polyethylene (HDPE) cell lining systems to prevent landfill gas from migrating offsite and create barriers to protect groundwater.
- Leachate collection and treatment systems to collect leachate to be transported to licensed off-site treatment facilities or directed to on-site treatment plants.
- Landfill gas collection systems to direct landfill gas for treatment through thermal oxidation at flares or to gas processing plants for beneficial use. These treatment methods help to reduce odors as well as limit the release of GHG and non-GHG emissions.
- Daily and final cover to contain waste in place, minimize water infiltration, reduce fugitive landfill gas emissions and prevent vermin.
- Stormwater management systems to prevent stormwater runoff from contacting landfilled waste materials.

As part of our Sustainability Action Plan we are committed to a year over year reduction in our non-GHG related air emissions.

Soil Remediation

Bioremediation is an environmentally-responsible, energy-efficient and competitive alternative to disposing of contaminated soils in landfills. GFL offers our customers ex-situ bioremediation for contaminated soils at our 13 fully licensed soil remediation facilities across North America.

In 2021, our soil remediation facilities managed over 2 million tonnes of soil. The soil that we remediate at our facilities is used in the place of virgin materials in construction and redevelopment projects. This reuse of soils lowers project costs for our customers and avoids the environmental impact of extracting and using virgin soil materials. Soil remediation also reduces GHG emissions from transportation of contaminated soils to more remote landfill locations for disposal.



Wastewater Treatment

In 2021, GFL treated over 221 million litres (58 million gallons) of wastewater for our customers in Canada and the United States. This represents an over 200% increase year over year in wastewater treatment at GFL facilities and customer sites using our mobile equipment.

Because water scarcity and emerging contaminants are important environmental risks that need to be managed, our wastewater treatment services allow our customers to reduce their impact on freshwater resources by treating wastewater to be reused within their own operations or discharged back to the environment.

GFL's Debert Facility is Atlantic Canada's largest industrial treatment facility, processing up to 50 million litres of wastewater annually. Our highly trained laboratory technicians at this facility test waste streams to ensure their appropriate treatment and create new applications for treatment technologies.

GFL's advanced expertise in wastewater treatment is also applied in the management and treatment of leachate generated at our landfills.

Continuously enhancing our ability to manage risks from emerging contaminants by building our in-house wastewater treatment expertise is not only a strategic differentiator for us as a service provider, but also a key to ensuring that we understand and are using the best available technologies to manage these risks. In support

of this commitment to advancing our in-house waste-water treatment expertise, one focus area for our next generation and incubator Sustainability Value Initiatives is to advance wastewater treatment technologies for emerging contaminants.



Beyond Compliance

Our commitment to environmental stewardship includes sustainability actions that support biodiversity and requires our supply chain to comply with environmental standards that are aligned with ours.

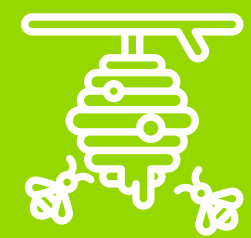
Biodiversity

As part of our commitment to promote and conserve biodiversity, our Sustainability Action Plan includes our commitment to certify nature conservation or protection projects for at least 10 of our facilities by 2025.

To achieve this commitment, GFL will pursue partnerships with conservation organizations in Canada and the United States to develop these projects including pollinator gardens and parks; habitat-specific projects to enhance grasslands, wetlands and forests; species management projects for birds, bats, mammals, reptiles, and amphibians; and education and awareness projects to promote community engagement, learning and training on conservation efforts.

Sustainability in Our Supply Chain

Through our [Supplier Code of Conduct](#), we require that all of our suppliers are committed to ensuring environmental compliance, reducing consumption of scarce resources, and managing waste streams in an environmentally-responsible manner. We also require that our suppliers operate their businesses in a manner that is aligned with our [Code of Ethics](#). As part of our Sustainability Action Plan, we are committed to completing sustainability supply chain management audits for 100 of our critical tier 1 suppliers by 2025 to ensure our continued alignment.



Certify nature conservation or protection projects for 10 sites by 2025



Complete Sustainability Supply Chain Management Audits for 100 Critical Tier 1 Suppliers by 2025

OUR COMMUNITIES

Our Communities

Since our inception, GFL has been committed to giving back to our communities. Our community involvement goals will increase and broaden our community outreach.

Community Involvement

The Full Circle Project

Consistent with our approach to managing all customer-facing aspects of our business at a regional level and having our employees take a leadership role, GFL takes great pride in building lasting partnerships with local charities through our Full Circle Project (FCP) charitable giving program.

FCP is a community driven program. First, our customers tell us which categories of charities they would like to see receive our donations. Our employees at our local facilities then decide which local charities within these categories they will support by donating their time and GFL's dollars.



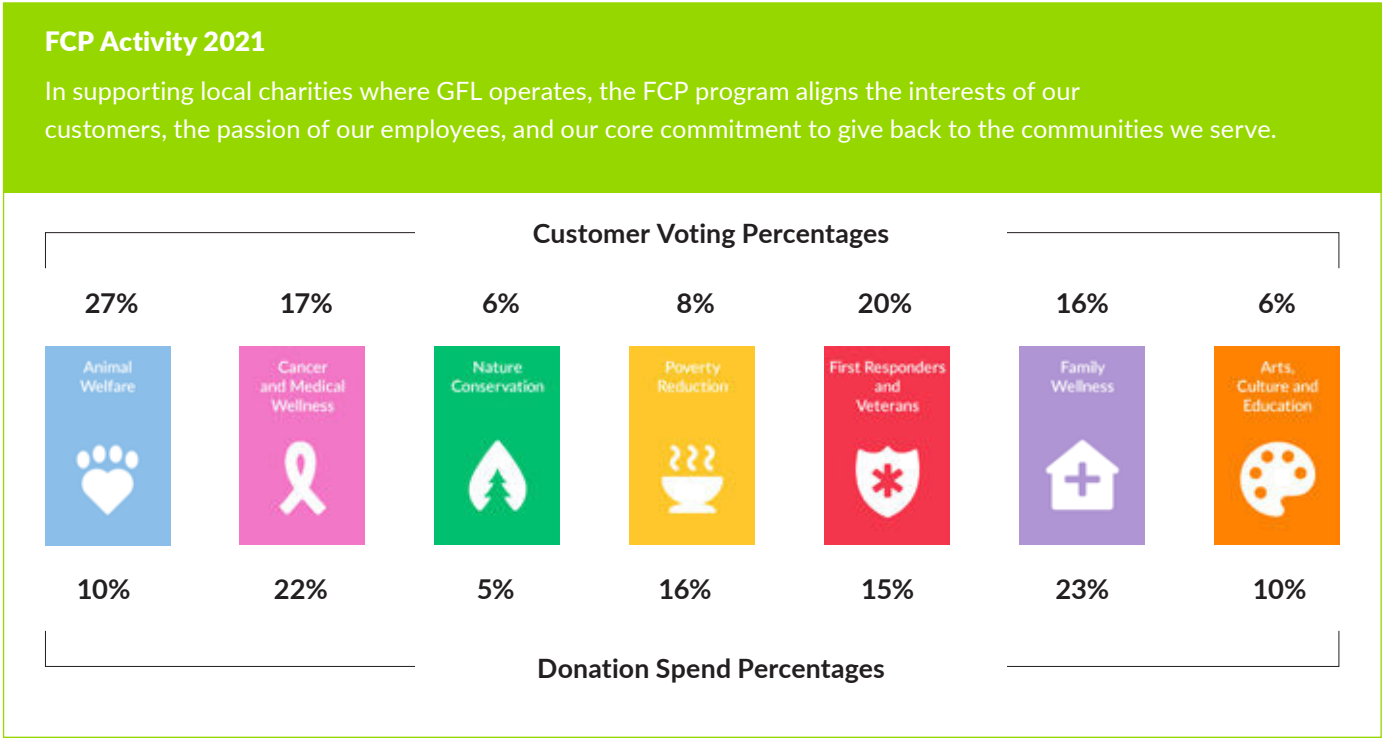
\$1.5M annually in donations to communities through GFL's Full Circle Project

Due to the COVID-19 pandemic, 2021 continued to be a challenging year for charitable organizations across North America, with increased demand for support and services. Despite this, FCP activity thrived, and the program successfully met its pledge of \$1 million in charitable donations for the year. Thanks to the exceptional efforts of GFL teams across our footprint, FCP funded a total of 132 different projects across 84 GFL branches in eight Canadian provinces and 16 U.S. states.

FCP Improves Lives in Our Local Communities

Ronald McDonald House Charities | Hamilton, Ontario

Many families and individuals struggle with the impacts of cancer and other serious medical conditions. Ronald McDonald House Charities offer support to families of sick children by providing a safe and comfortable place to stay while children are treated in local hospitals. The FCP donated \$5,000 to Ronald McDonald House in Hamilton, Ontario to sponsor their new recycling room.



La Maison du Réconfort | Montreal, Quebec

La Maison du Réconfort in Montreal, Quebec, offers free, safe, round-the-clock confidential and professional support services to women, with or without children, who are dealing with domestic violence. The organization also provides a shelter and safe haven for women and their families. In addition to a \$10,000 donation, volunteers from our local office helped create a beautiful outdoor space for all at the shelter to enjoy.



RiverLife | Newnan, Georgia

FCP proudly supports a range of charities that serve first responders and veterans, including those that provide our communities with emergency services, response, and assistance. Following the devastating tornado that swept through the City of Newnan, Georgia, GFL donated \$20,000 to RiverLife, a local charity that provides community assistance services including tornado relief and recovery.

The Repurpose Project | Gainesville, Florida

The Repurpose Project is a community-based charity in Gainesville, Florida, that specializes in unique waste recovery and reuse opportunities. FCP’s \$5,000 donation supported The Repurpose Project in their mission to encourage recycling, reuse, and landfill diversion by collecting and repurposing materials that would otherwise be disposed of as waste. The organization works to redirect items for use in art and educational settings.



Local Partnership and Sponsorship Activities

Beyond our community engagement through FCP, GFL supported many events and initiatives in 2021 at the local, state/provincial, and national level through volunteering, investment, and other contributions.

Niagara 2022 Canada Games

In October 2021, GFL was named Official Sustainability and Exclusive Waste Management Partner of the Niagara 2022 Canada Summer Games in Niagara, Ontario. Held every two years, the Canada Games is a marquee event for young, up-and-coming athletes representing the highest level of competition.

As part of the build up to the Games, GFL also sponsored a sustainability symposium in November 2021 that focused on making sporting events more sustainable.

Mount Royal University Partnership

GFL’s Calgary, Alberta offices partnered with Mount Royal University for two events in 2021: Student Orientation Week, and the MRU Sustainability Student Fair. Employees from our Calgary locations attended both events to answer students’ questions about the services GFL provides, effective waste management, sustainability, and waste diversion practices.

We believe that investing in sport and community, particularly for young athletes, is important to promote good health and well being in our local communities.

*Patrick Dovigi
GFL Founder and CEO*

Supporting Local Veterans

In honor of local veterans, GFL employees in Houston, Texas, volunteered at a drive-through event to benefit the Houston Food Bank. Team Green participants spent the day preparing and distributing food boxes and other necessities to veterans and their families.

Toys for Tots Drive

Team Green in Garner, North Carolina, helped bring a happy holiday to children of low-income families by collecting and donating over \$2,000 in toys and gifts to the Town of Wendell Toys for Tots drive.

Celebrating GFL’s Local Heroes

We appreciate our residential collection teams who go out of their way to interact with the youngest members of our communities, making birthday wishes come true and teaching them about what we do!



Employee Sustainability Committees

In 2020, GFL launched our Employee Sustainability Committees (ESCs) to promote employee participation in implementing sustainable initiatives and projects at our offices, facilities, and in the communities where we operate. The goal of the ESCs is to identify, develop, and apply initiatives that minimize our environmental impact in the workplace, while encouraging community engagement to support local environmental causes. There are currently nine ESCs at GFL offices across our footprint with a commitment as part of our Sustainability Action Plan to add nine more by the end of 2025.

ESC Highlights

The Vaughan, Ontario team worked with PickWaste to clean up a neighbouring public park. In celebration of Earth Week 2021, the Vaughan, Ontario team also organized and completed a waste audit of GFL offices. The team presented their findings to the whole office.

In recognition of Earth Day 2021, GFL employees volunteered at a local children’s outdoor play area with The Bridge Over Troubled Water, a family crisis services center in Pasadena, Texas. GFL volunteers and the local community worked together to replant and mulch the playground’s flowerbeds with recycled tire mulch.



APPENDICES ►



Three Year Roadmap to First Standalone TCFD Report

In 2021, GFL conducted a self-assessment to determine alignment of our current disclosures with the recommendations of the Task Force on Climate-Related Financial Disclosures (TCFD). Following the review, we adopted a governance structure for oversight and management of climate-related risks and opportunities. In Q1 2022, GFL reviewed its public disclosures and interviewed representatives of our Board and management to further assess alignment to TCFD disclosures. The key disclosure milestones achieved and planned for the next 3 years are identified below. In 2022 and 2023, our achievement of key disclosure milestones and material outcomes will be described in our sustainability reports such as SASB, GRI Index, or our Sustainability Report. In 2024, we intend to publish a comprehensive standalone report of our climate-related disclosures in line with recommendations of the TCFD.

2022	2023	2024
Established formal board-level oversight and governance of climate-related risks.	Conduct formal physical risk analysis and detailed assessment of transition risk and opportunities.	
Conducted screening-level climate scenario analysis and assessment of physical and transition risks and opportunities to inform more detailed analysis to be completed in 2023.	Identify, prioritize and assess materiality of climate-related risks and opportunities in short, medium and long-term.	
Disclosed third-party verified scope 1 and 2 GHG emissions, year over year to enable historical trend analysis.	Develop and document formal processes to assess impact of climate-related risks and opportunities on business, strategy, and financial planning.	
Conducted studies to set climate targets and actions to achieve targets. Targets announced in Q4 2022 in 2021 Sustainability Report.	Develop or update risk management plans and policies to mitigate exposure to material climate risks and integrate into Enterprise Risk Management process.	
Completed and disclosed 1st scope 3 GHG emissions inventory for 2020 and 2021 reporting years.	Improve water-related disclosures.	Publish a comprehensive report of our climate-related disclosures in line with TCFD recommendations.

TYPES OF RECOMMENDED DISCLOSURES IN TCFD			
GOVERNANCE	STRATEGY	RISK MANAGEMENT	METRICS AND TARGETS



Alignment of GFL Sustainability Action Plan & United Nations Sustainable Development Goals

The table below shows how our goals and commitments are aligned with the United Nations Sustainable Development Goals (UN SDGs).

Employee Goals

- o Total Recordable Incident Rate (TRIR) of 2.0 or less
- o Increase employee retention
- o Increase percentage of women in workforce annually

UN SDG Alignment



Circular Economy and Climate Leadership Goals

- o Reduce total scope 1 and 2 GHG emissions by 15%
 - Fleet emissions reduction strategy
 - o 50% of annual solid waste fleet replacements to be CNG or alternative fuel vehicles
 - o 85% of our CNG fleet to be powered by RNG in 2030
 - 100% renewable electricity use at our facilities
- o Increase recyclables recovered at GFL MRFs by 40% by 2030
- o Double our beneficial use of biogas from our landfills by 2030

UN SDG Alignment



Environmental Stewardship Goals

- o Reduce non-GHG related air emissions (year over year)
- o Obtain nature conservation or protection-related certifications for 10 sites by 2025
- o Complete sustainability supply chain management audits for 100 Critical Tier 1 suppliers by 2025

UN SDG Alignment



Community Goals

- o Donate \$1.5 million to communities annually through GFL's Full Circle Project

UN SDG Alignment



