UNB Climate Change Action Plan and Campus Sustainability Plan Report 2023 – 2024

Traditional Land Acknowledgement

We respectfully acknowledge that the University of New Brunswick stands on the unceded and unsurrendered traditional homeland of the Wolastoqiyik. The Wolastoqiyik have lived with and on this land since time immemorial.

This land is covered by the Treaties of Peace and Friendship which the Wolastoqiyik, Passamaquoddy, and Mi'kmaq signed with the British Crown between 1725 and 1779.

The river that connects our university's two campuses is known as the Wolastoq, along which live the Wolastoqiyik – the people of the beautiful and bountiful river. The Wolastoq is also called the Saint John River.



Executive Summary

The University of New Brunswick (UNB) aims to be a financially and environmentally sustainable institution, leading sustainability and environmental stewardship among Canadian universities, while working toward a carbon neutral future. To support these goals, UNB developed the Climate Change Action Plan (CCAP) and the Campus Sustainability Plan (CSP) for 2020 – 2025. These plans are aligned with the university's strategic plan (UNB Toward 2030), the United Nations Sustainable Development Goals (UN SDGs), and the Sustainability Tracking, Assessment and Rating System (STARS) program of the Association for the Advancement of Sustainability in Higher Education (AASHE).

The goals and strategies of both the CCAP and the CSP have been divided into four categories directly aligned with the STARS program criteria: Academics, Engagement, Operations, and Planning and Administration. The CCAP outlines a total of 26 strategies, while the CSP outlines a total of 44 strategies. Of these, a total of 28 strategies have been classified as 'Completed and Ongoing' (10/26 from the CCAP and 18/44 from the CSP). The remaining strategies have been classified as either "In Development" or "Not Started." Some of the many successes that have been achieved include the creation of three new Sustainability Learning Modules, the establishment of the Sustainability Research Champions program, the installation of a ground-mount solar array on the UNB Saint John Campus, the publishing of a Statement on Responsible Investing, as well as the establishment of a partnership to reduce bike theft.

To compare our sustainability progress to that of other institutions, UNB currently reports to three rating and ranking frameworks: the STARS program, Quacquarelli Symonds (QS) World University Rankings, and The Times Higher Education (THE) Impact Rankings. In 2020, UNB Fredericton received a STARS Silver rating and in 2021, UNB Saint John also received a STARS Silver rating. The STARS program evaluates the sustainability performance of higher education institutions across a range of criteria and STARS ratings are valid for three years. The 2024 QS Sustainability Rankings, designed to measure an institution's ability to tackle the world's greatest environmental, social, and governance challenges, assigned UNB an overall rank of 455 out of 1,398 universities. Annually assessing universities with respect to the UN SDGs, the 2023 THE Impact Rankings assigned UNB an overall rank of 301-400 out of 1,705 universities globally.

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Introduction

As stated in UNB's 2020 – 2030 strategic plan (UNB Toward 2030), UNB aspires to be a financially and environmentally sustainable university that is working toward a carbon neutral future. A key action outlined in UNB Toward 2030 is to lead sustainability and environmental stewardship across universities in Canada. To achieve this action, UNB created a Climate Change Action Plan (CCAP) and a Campus Sustainability Plan (CSP) for 2020 – 2025.

Climate Change Action Plan and Campus Sustainability Plan Report

This report offers a high-level summary of the progress made toward the goals and strategies outlined in the CCAP and CSP from May 1, 2023, until April 30, 2024 (UNB's fiscal year). The CCAP, CSP, and this report are aligned with UNB Toward 2030, the United Nations Sustainable Development Goals (UN SDGs), and the Association for the Advancement of Sustainability in Higher Education (AASHE)'s Sustainability Tracking, Assessment and Rating System (STARS) program.

Key performance metrics and data points will be presented to inform the UNB community of the work that has been completed, and the remaining work that is still to be done. Transparency is a key component of accountability and continual improvement, helping to uncover new insights and make better decisions. Furthermore, this report aims to highlight some of the successes and challenges faced each year as we progress towards a more sustainable and carbon neutral UNB.

This report was written by the UNB Sustainability team, with contributions from various teams across our campuses, and members of our President's Advisory Committee on Sustainability (PACS).

UNB Sustainability

UNB Sustainability is a team focused on making UNB a leader in sustainability and environmental stewardship across Canadian universities. The work of UNB Sustainability happens on both the Fredericton and Saint John campuses, and includes creating programs and initiatives, increasing awareness and education about environmental, social, and economic sustainability, as well as tracking and reporting on UNB's climate action and sustainability goals and strategies.

Introduction to UNB's Climate Change Action Plan and Campus Sustainability Plan

Climate Change Action Plan (CCAP) 2020 – 2025

UNB's CCAP was created through public consultation and engagement, and it outlines UNB's path forward to 2025. The plan intends to guide UNB to becoming a more efficient, resilient, and sustainable university and to reduce greenhouse gas (GHG) emissions to become a carbon-neutral institution by 2050.

The CCAP consists of five areas of focus:

- 1. Energy and Infrastructure
- 2. Transportation
- 3. Education and Programs
- 4. Waste Management
- 5. Sustainable Grounds

Progress for each of the areas of focus and their respective goals and strategies are outlined in subsequent sections of this report.

Emissions baselines and targets for both the UNB Fredericton and UNB Saint John campuses are as follows:

UNB Fredericton:

- 2025: 65% reduction from the 2007 2010 baseline GHG emissions.
- 2035: 70% reduction from the 2007 2010 baseline GHG emissions.
- 2050: 100% reduction from the 2007 2010 baseline GHG emissions.

UNB Saint John

- 2025: 50% reduction from the 2008 2010 baseline GHG emissions.
- 2035: 70% reduction from the 2008 2010 baseline GHG emissions.
- 2050: 100% reduction from the 2008 2010 baseline GHG emissions.

Campus Sustainability Plan (CSP) 2020 – 2025

UNB's CSP was developed to align with the STARS program, the UN SDGs, and to address gaps in UNB's sustainability programs.

The CSP consists of four areas of focus:

- 1. Academics
- 2. Engagement
- 3. Operations
- 4. Planning and Administration

Progress for each of the areas of focus and their respective goals and strategies are outlined in subsequent sections of this report.

Progress on Our Climate Change Action Plan and Campus Sustainability Plan

Progress towards the goals and strategies included in the CCAP and CSP during the 2023 – 2024 fiscal year is measured using the following indicators:

- **Completed & Ongoing (C&O)**: The strategy is finished and requires continuous or recurrent monitoring and updates.

- **In Development (ID)**: Initial work or research was initiated for the strategy, but it has not yet been implemented.
- **Not Started (NS)**: Minimal to no work has been done for the strategy at this time.

To share our progress on the goals and strategies from both the CCAP and CSP in one annual report, we have placed them into tables and divided them into the following categories:

- Academics
- Engagement
- Operations
- Planning and Administration

These four categories were chosen because they are used in the STARS program, and they will be used in UNB's next climate action and sustainability plan.

Figure 1 shows the progress on the strategies from the CCAP and Figure 2 shows the progress on the strategies from the CSP during the 2023 – 2024 fiscal year.

Figure 1. UNB's Climate Change Action Plan containing 26 total strategies, with 10 (39%) Completed and Ongoing, 11 (42%) In Development, and 5 (19%) Not Started in 2023 – 2024.

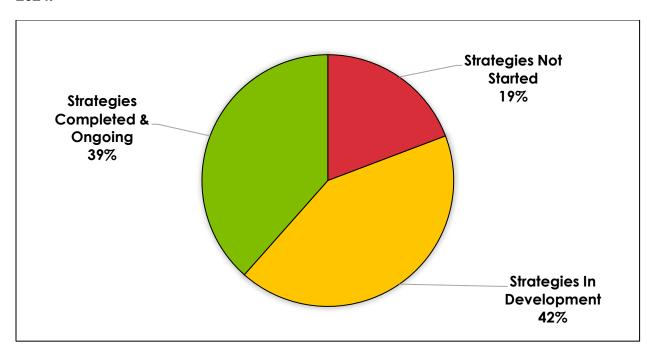
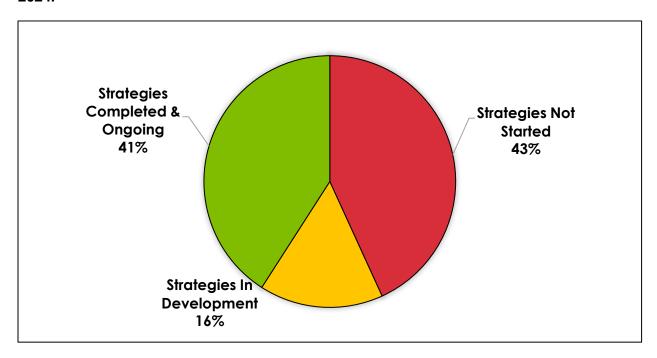


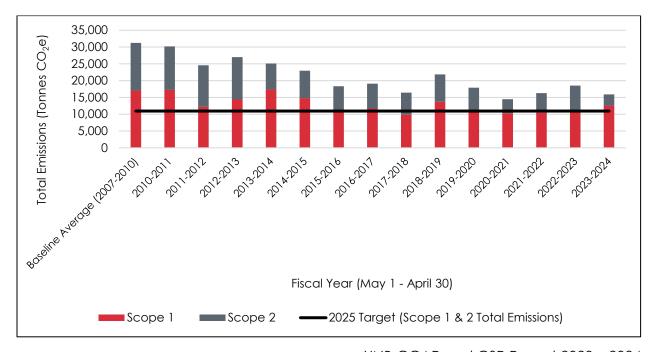
Figure 2. UNB's Campus Sustainability Plan containing 44 total strategies, with 18 (41%) Completed and Ongoing, 7 (16%) In Development, and 19 (43%) Not Started in 2023 – 2024.



Progress on UNB's Carbon Emissions Reduction Targets

UNB is working toward a carbon neutral future. Figures 3 and 4 show UNB's emissions compared to our 2025 emissions reduction targets.

Figure 3. UNB Fredericton Scope 1 and 2 emissions data, with respect to the 2025 (65% reduction from baseline) target.



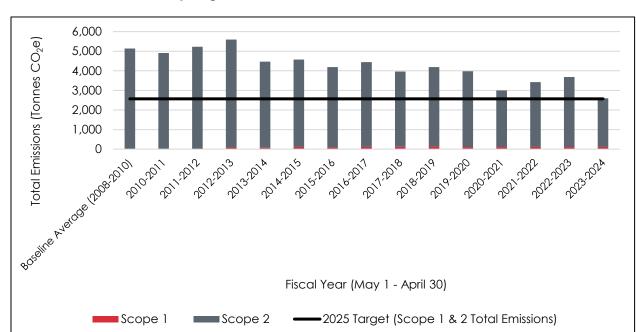


Figure 4. UNB Saint John Scope 1 and 2 emissions data, with respect to the 2025 (50% reduction from baseline) target.

Academics

This section shares our progress on the goals and strategies from the CCAP and CSP that are in the Academics category, as well as highlights some of the projects and initiatives that address our goals.

Table 1. CSP Academics Goals and Strategies

Goal	Strategy	Campus	Progress
Increase opportunities for students to use UNB as a living laboratory	Identify programs, courses, and operations that could offer Campus as a Living Lab (CaLL) opportunities.	FR	NS
	Develop an online inventory of CaLL projects that have been completed and are currently available to students.	FR & SJ	NS
	Expand the SOCS4501 CaLL pilot to offer more project opportunities.	SJ	NS
	Develop a formalized CaLL program in collaboration with the Office of Experiential Education.	SJ	NS
Increase support for research on sustainability	Determine the feasibility of incentivizing and supporting sustainable research by students and faculty.	FR	ID
	Highlight and promote those conducting sustainability research.	FR	C&O

Improve availability of sustainability focused courses	Identify sustainability learning outcomes, and work with units to incorporate the outcomes into the curriculum.	FR	NS
	Maintain a sustainability course list, outlining courses available in all faculties.	FR	C&O
	Create a sustainability course list inventory.	SI	ID
	Produce an educational package for faculty on the relevance, importance, and methods of incorporating sustainability into their courses.	FR	NS
	Explore the feasibility of developing a 'minor' in sustainability or interdisciplinary courses to gain a 'sustainability certificate' option.	SJ	ID
Assess and improve students' knowledge of	Develop and conduct a student sustainability literacy assessment.	FR	C&O
sustainability	Formalize the distribution of the Sustainability Literacy Assessment.	SI	C&O
	Develop a Sustainability 101 Module to educate the campus community to basic sustainability concepts.	21	C&O

*C&O = Completed & Ongoing, ID = In Development, NS = Not Started

Sustainability Learning Modules

With funding support from the Government of New Brunswick's Environmental Trust Fund, UNB Sustainability in partnership with the Office of Experiential Education developed three new Sustainability Learning Modules in 2023 – 2024. Originally launched in March 2023 with four modules, the expanded suite of free, self-directed, online learning modules now includes a total of seven modules. The new modules are Economic Sustainability, Biodiversity & Conservation, and Sustainability & Sports.



UNB CCAP and CSP Report 2023 – 2024

Sustainability Research Champions

In 2023 – 2024, UNB Sustainability established the Sustainability Research Champions program to recognize individuals conducting impactful sustainability research at UNB. The following two Sustainability Research Champions were featured in 2023 – 2024: Dr. Shivam Saxena and Dr. Chris Rouse.

We sincerely thank our Sustainability Research Champions for their impactful work. If you know someone who is making meaningful contributions to sustainability research at UNB, we encourage you to nominate them.

Table 2. CCAP Education and Programs Goals and Strategies

Goal	Strategy	Campus	Progress
Create educational	Integrate climate change into	FR & SJ	ID
opportunities around	curriculum.		
climate change	Develop a climate change hub.	FR & SJ	ID
	Explore opportunities for co-curricular	FR & SJ	NS
	partnership.		

^{*}C&O = Completed & Ongoing, ID = In Development, NS = Not Started

UNB Climate Change Working Group

The UNB Climate Change Working Group (CCWG) was started in 2023 – 2024. This group holds monthly meetings that are open to all faculty, teaching staff, and graduate students who are interested in integrating climate change and sustainability into the curriculum at UNB. The CCWG acts as a community of practice for the UNB community to connect with each other and build working relationships around integrating climate change and sustainability in the curriculum.

Engagement

This section shares our progress on the goals and strategies from the CSP that are in the Engagement category, as well as highlights some of the projects and initiatives that address our goals.

Table 3. CSP Engagement Goals and Strategies

Goal	Strategy	Campus	Progress
Encourage sustainable	Create a Staff Sustainability Network.	FR	NS
behaviors	Continue to work with students and	FR	C&O
	groups to promote sustainable		
	actions through programming.		
	Incorporate sustainability information	FR	ID
	into employee orientation packages.		
Increase sustainable	Expand the Green Representatives	FR	NS
engagement	Program / Green UNB Program.		
opportunities for students	Create a university-based program to	FR	C&O
	allow the campus community to		
	reuse and distribute unwanted items.		

		1	
	Maintain the Student Sustainability Fund to finance student sustainability projects.	FR	C&O
	Implement a formalized Green Ambassadors Program that trains students to serve in peer-to-peer sustainability outreach.	SJ	NS
Pursue sustainability collaborations	Engage in sustainability mentorship opportunities with other institutions.	FR	C&O
	Partner with the College of Extended Learning to create courses focused on, and incorporating, sustainability themes.	FR	NS
	Promote community service through the co-curricular program and improve methods of tracking service.	FR	NS
Sustainability training and professional development	Determine the feasibility of hosting a sustainability-themed workshop, modules, or an education package annually to staff.	SJ	C&O

^{*}C&O = Completed & Ongoing, ID = In Development, NS = Not Started

Green Champions

UNB Sustainability's Green Champions program showcases individuals who contribute to sustainable initiatives at UNB and beyond. In 2023 – 2024, we highlighted the following six Green Champions on our social media accounts: Dr. Svetlana Ehtee, Amanda Page, Zoe Monroe, Emma Mattinson, Leen Abu Al Sha'r, and Hillary Nguyen.

We sincerely thank our Green Champions for contributing to a more sustainable UNB. If you know someone who should be a Green Champion, please let us know as we are always accepting nominations.

Sustainability Month

October is Sustainability Month at UNB. In 2023, our team collaborated with numerous campus groups to host 15 engaging events. These events allowed us to connect with over 500 students throughout the month. Below are some key highlights from Sustainability Month 2023:

Campus Clothing Swap (Fredericton and Saint John Campuses)

- Attendance: 40 (Fredericton) and 30 (Saint John)
- This event is where we collect used clothing donations and then set-up a temporary free clothing store where students can pick out pieces to add to their wardrobe. UNB Sustainability partnered with the Environmental Society and the Green Society to make this event happen in 2023.



Sustainability Networking Fair (Fredericton and Saint John Campuses)

- Attendance: 30 (Fredericton) and 23 (Saint John)
- Various organizations and businesses of many disciplines attended booths to talk about their sustainability-minded work, careers, programs, products, and opportunities with students. The event connected students with sustainability professionals that may be an asset to their professional development, personal sustainability, and community awareness.

ReStore Collection Days

In April 2024, UNB Sustainability collaborated with Habitat for Humanity to organize our ReStore Collection Days event. During the final week of exams, a Habitat for Humanity truck was stationed on the Fredericton campus for two days and on the Saint John campus for one day, giving students an opportunity to donate unwanted items as they were moving out. This initiative aimed to reduce the volume of waste typically generated by students moving out of residence at the end of the term.

Operations

This section shares our progress on the goals and strategies from the CCAP and CSP that are in the Operations category, as well as highlights some of the projects and initiatives that address our goals.

Table 4. CSP Operations Goals and Strategies

Goal	Strategy	Campus	Progress
Create a more sustainable food system	Pursue a program that will allow UNB to commit 20% of its food dollars to be spent on food that is local or third party certified.	FR	C&O

	Increase opportunities, awareness, and education around sustainable food events.	FR	ID
	Continue to support opportunities to access, grow, and produce local food on campus.	FR & SJ	C&O
	Work to increase the number of foods that are sustainable, ethically produced, and plant based in the next food service contract.	SJ	C&O
	Engage with the community around campus food and dining and ensure their voice is heard in contract negotiations.	21	NS
Prioritize sustainable purchasing	Engage with Financial Services to integrate sustainability into the Procurement Policy.	FR	ID
	Create a reference list and guide for sustainable purchasing.	FR	NS
Reduce water usage	Formalize and increase water reduction efforts.	FR & SJ	ID
	Create initiatives and events to encourage water related behavior change.	FR & SJ	NS

*C&O = Completed & Ongoing, ID = In Development, NS = Not Started

Free Food Planters

The Free Food Planters program was started in 2016 by UNB Sustainability to provide free, local food to the UNB Fredericton campus community. In June 2023, ten self-watering planters were placed around campus with a variety of vegetables, herbs, and edible flowers available for harvesting by the UNB community.



Water Consumption

Water reduction efforts are implemented through UNB's Energy Management Program. Water consumption increased at both campuses compared to the previous fiscal year due to a variety of reasons that are explained in the 2023 – 2024 <u>Energy Management Program Report</u>.

Table 5. CCAP Energy and Infrastructure Goals and Strategies

Goal	Strategy	Campus	Progress
Improve campus energy	Increase biomass as a fuel source in	FR	ID
systems	the Central Heating Plant.		
	Invest in renewable energy.	FR & SJ	C&O
	Invest in a co-generation system,	FR	NS
	which uses a steam turbine to		
	generate electricity.		
	Refrigerant phase out.	FR & SJ	ID
Reduce the consumption	LED retrofits.	FR & SJ	C&O
of energy on campus	Building control upgrades.	FR & SJ	C&O
	Reduce energy consumption through	FR & SJ	C&O
	occupant education.		
Improve campus	Establish an institutional green	FR & SJ	ID
infrastructure standards	building policy.		
	Establish preventative maintenance	FR & SJ	ID
	standards that incorporate		
	sustainability.		

^{*}C&O = Completed & Ongoing, ID = In Development, NS = Not Started

Residence Energy Challenge

UNB's annual Residence Energy Challenge (REC) is a friendly competition between residence buildings to see who can reduce their energy consumption the most over a two-week period. The 2023 – 2024 REC ran from February 4 to 17, 2024. On the Fredericton campus, Lady Dunn / Tibbits claimed first place with a 12.7% reduction in energy consumption compared to their baseline. This was the first year hosting the REC on our Saint John campus, and Sir James Dunn Hall won with a 3.7% reduction in energy consumption compared to their baseline.

Energy Management Program

UNB Fredericton launched the Energy Management Program (EMP) in 1996 to support energy initiatives that generate a return on investment through utility cost savings. In 2017, an EMP was approved for the UNB Saint John campus. The Board of Governors remains committed to funding the EMP as a strategic approach to offset rising utility costs, minimize UNB's environmental impact, and uphold its leadership in energy efficiency and fiscal responsibility.

The Energy Management Committee publishes annual <u>Energy Management Program</u> <u>Reports</u> which share the performance of the EMP. The following is a key EMP project

that was completed during the 2023 – 2024 fiscal year that addresses our "Invest in renewable energy" strategy in the CCAP.

Ground-Mount Solar Array

In 2023 – 2024 the UNB Saint John campus saw the installation of a ground-mount solar photovoltaic system. This system is 10 kW with a projected annual energy savings of 13,980 kWh.



Table 6. CCAP Transportation Goals and Strategies

Goal	Strategy	Campus	Progress
Increase the number of active transportation users on campus	Implement a transportation survey that studies travel methods and behaviours.	FR & SJ	C&O
	Develop a transportation plan.	FR & SJ	NS
	Promote active transportation through increased programing and education.	FR	C&O
Reduce emissions	Conduct a fleet assessment.	FR & SJ	ID
produced by the campus	Develop an anti-idling policy.	FR & SJ	ID
community	Develop a new sustainable travel policy.	FR & SJ	ID
	Explore opportunities to reduce daily campus travel.	SJ	NS
	Upgrade and expand video conferencing technology.	FR & SJ	C&O

^{*}C&O = Completed & Ongoing, ID = In Development, NS = Not Started

Great Bike Giveaway

UNB Sustainability partners with the Security & Traffic Unit and the Financial Aid Office to offer the Great Bike Giveaway program on the Fredericton campus each September. The program takes bikes that have been previously abandoned on campus, or that have been donated by the community, and gives them away to students who have demonstrated financial need. The program helps students get to where they need to go, as well as helps increase the number of active transportation users on campus. In September 2024, we repaired and give away two bikes as part of the program.

Academic Bike Challenge

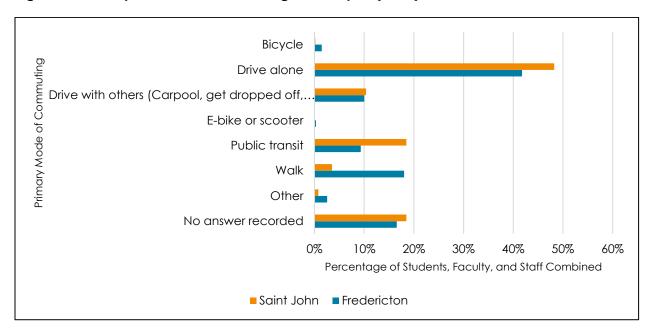
UNB participated in the Academic Bike Challenge (ABC) again in 2023 to encourage students, staff, and faculty to bike more in their daily lives. The ABC is a free event hosted by the German Münster University of Applied Science in partnership with the bike navigation app, "Naviki". In 2023, UNB biked a total of 3,511 kilometers during the month of August.

Commuting Survey

In February 2024, UNB Sustainability conducted a commuting survey regarding transportation and parking on both UNB campuses. To reduce emissions from transportation, it is important to first understand the existing transportation patterns and behaviors of students, staff, and faculty at UNB. Here are some highlights of the 2024 UNB Commuting Survey:

- There were 3,079 survey responses from students, staff, and faculty.
- Over 40% of respondents on both campuses (Fredericton and Saint John) selected that their primary mode of commuting to campus was driving alone in a gas or diesel vehicle.

Figure 5. Primary Modes of Commuting to Campus (2024)



529 Garage Partnership

In May 2023, UNB Fredericton partnered with the Fredericton Police Force and 529 Garage to encourage cycling and enhance bike-friendliness on campus and throughout the city. 529 Garage is a comprehensive bike registry and recovery program designed to combat bicycle theft. Through the 529 Garage website, Fredericton cyclists can register to better protect their bikes and to ensure that more bikes are returned to their owners.

Table 7. CCAP Waste Management Goals and Strategies

Goal	Strategy	Campus	Progress
Explore alternative	Explore opportunities for small unit	FR & SJ	C&O
opportunities to reduce	composting.		
waste produced on	Explore opportunities to recycle	FR & SJ	ID
campus, the types of	plastics and continue to recycle		
waste currently	cardboard and paper.		
produced, and	Develop a waste source inventory that	FR & SJ	ID
opportunities to recycle	highlights the types of waste currently		
and reduce the sources	produced.		
of waste	Develop materials that support waste	FR & SJ	C&O
	management education.		

^{*}C&O = Completed & Ongoing, ID = In Development, NS = Not Started

Waste to Landfill

The amount of waste sent to landfill decreased at UNB Fredericton and increased at UNB Saint John compared to the previous fiscal year. In 2023 – 2024, UNB Fredericton sent approximately 891.1 metric tonnes of waste to the landfill, and UNB Saint John sent approximately 169.0 metric tonnes of waste to landfill.

Waste Diverted from Landfill

In 2023 – 2024, UNB Fredericton diverted approximately 101.8 metric tonnes of waste from landfill. This amount does not include paper / cardboard recycling due to insufficient data. UNB Saint John diverted approximately 65.8 metric tonnes of waste from landfill.

Table 8. CCAP Sustainable Grounds Goals and Strategies

Goal	Strategy	Campus	Progress
Develop a campus master plan	Integrate tree planting protocol into the campus master plan.	FR & SJ	NS
	Establish a feasibility study for carbon sinks at UNB.	FR & SJ	C&O

^{*}C&O = Completed & Ongoing, ID = In Development, NS = Not Started

Planning and Administration

This section shares our progress on the goals and strategies from the CSP that are in the Planning and Administration category, as well as highlights of some of the projects and initiatives that address our goals.

Table 9. CSP Planning and Administration Goals and Strategies

Goal	Strategy	Campus	Progress
Include sustainability in university planning	Create an institutional sustainability policy.	FR & SJ	NS
	Incorporate sustainability into other university policies.	FR & SJ	NS
	Include sustainability in university decisions.	FR & SJ	C&O
	Provide the Student Union representatives with sustainability training.	FR & SJ	NS
Incorporate sustainability and transparency into UNB	Provide an annual report on UNB investments to the public.	FR & SJ	C&O
investments	Develop a publicly available sustainable investment policy.	FR & SJ	C&O
	Incorporate Environmental, Social, and Governance (ESG) principles in the policy for hiring investment managers.	FR & SJ	C&O
	Require all investment managers to report on their ESG investment practices.	FR & SJ	C&O
Engage students and local community in institutional decision making	Provide student representatives who sit on UNB's highest governing body with sustainability training.	FR & SJ	NS
	Develop a policy to identify and engage external stakeholders in institutional decisions that affect the community.	FR & SJ	NS

^{*}C&O = Completed & Ongoing, ID = In Development, NS = Not Started

Statement on Responsible Investing

UNB's Investments Committee developed a <u>Statement on Responsible Investing</u>, and it was approved by the Board of Governors in October 2023. Responsible investing involves integrating Environmental, Social, and Governance (ESG) considerations into the investment management process and stewardship practices. ESG refers to environmental, social and governance factors that may impact or be impacted by corporate or investment activities. The incorporation of ESG factors into UNB's endowment investment practices and processes is important in our efforts to become a leader in sustainability and environmental stewardship across Canadian universities.

Report on Long-Term Investment Fund

UNB's Investments Committee publishes an annual Report on Long-Term Investment Fund. Key sections include a report on the fund's performance, an overview of key governance arrangements for the fund, highlights of approved investment and endowment spending policies, and an overview of key activities carried out by the Investments Committee during the year.

In 2023 – 2024, a task force was established to explore and recommend strategies for implementing the principles outlined in the: "Investing to Address Climate Change: A Charter for Canadian Universities". One key principle involves regularly assessing the carbon intensity of a university's investment portfolios and setting carbon intensity reduction targets. UNB has committed to measuring the total carbon footprint of our Long-term Investment Fund and reporting on it annually.

Sustainability Ranking Frameworks

UNB currently reports to two ranking frameworks. It is important to be able to compare our sustainability progress to that of other institutions, and these frameworks help UNB to continually strive to do better and draw inspiration from other institutions across the world.

Quacquarelli Symonds World University Rankings: Sustainability 2024

The Quacquarelli Symonds (QS) World University Rankings provides authoritative and independent evaluations of institutions, helping to drive institutional performance and guide students in their decision making. The sustainability ranking was designed to measure an institution's ability to tackle the world's greatest environmental, social, and governance challenges.

The QS Sustainability Rankings, published in December 2023, ranked 1,398 universities, and Table 10 shares UNB's ranking.

Table 10. UNB's QS World University Rankings: Sustainability (2024)

Overall Rank	Environmental Impact Rank	Social Impact Rank
455	544	551

Times Higher Education University Impact Rankings 2023

The Times Higher Education (THE) Impact Rankings is a performance ranking that assesses universities against the UN SDGs. It provides a comprehensive and balanced comparison of institutions across four broad areas: Research, stewardship, outreach, and teaching.

The 2023 Impact Rankings was the fifth edition and included 1,705 universities globally, and Table 11 shares UNB's ranking.

Table 11. UNB's Times Higher Education University Impact Ranking (2023)

Overall Rank	UNB's Highest Ranked SDGs
301-400	7. Affordable and Clean Energy
	8. Decent Work and Economic Growth
	10. Reduced Inequalities
	17. Partnerships for the Goals