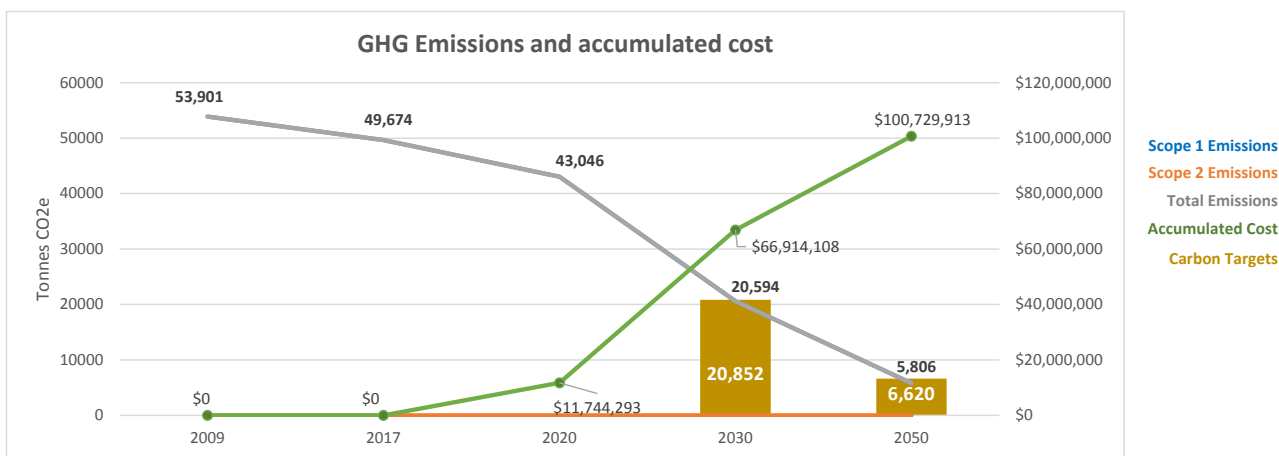




GREENHOUSE GAS EMISSIONS

SUMMARY

| Year | Scope 1 GHG Emissions (tonnes CO2e) | Scope 2 GHG Emissions (tonnes CO2e) | Total GHG Emissions (tonnes CO2e) | Cumulative Cost \$ |
|------|--|--|--------------------------------------|-----------------------|
| 2009 | 53,901 | 0 | 53,901 | \$0 |
| 2017 | 49,674 | 0 | 49,674 | \$0 |
| 2020 | 43,046 | 0 | 43,046 | \$11,744,293 |
| 2030 | 20,594 | 0 | 20,594 | \$66,914,108 |
| 2050 | 5,806 | 0 | 5,806 | \$100,729,913 |





Instructions:
 1. The green row is your institution's baseline. Please input the Year, and Annual Emissions for Scope 1 and Scope 2.
 2. The orange row is for your institution's information for the previous year (2017). Please input the Annual Emissions for Scope 1 and Scope 2.

| Year | SCOPE 1 | | | SCOPE 2 | | | TOTAL | ACCUMULATED COST |
|------|--|--|-----------------------------------|--|--|-----------------------------------|-----------------------------------|------------------|
| | Emission Reduction projects (tonnes CO2e) | Estimated Emission increase (tonnes CO2e) | Annual Emissions (tonnes CO2e) | Emission Reduction projects (tonnes CO2e) | Estimated Emission increase (tonnes CO2e) | Annual Emissions (tonnes CO2e) | Annual Emissions (tonnes CO2e) | |
| 2009 | 0 | 0 | 53,901 | 0 | 0 | 0 | 53,901 | |
| 2017 | 0 | 0 | 49,674 | 0 | 0 | 0 | 49,674 | |
| 2018 | 2,575 | 1,144 | 48,243 | 0 | 0 | 0 | 48,243 | \$1,477,379 |
| 2019 | 3,752 | 0 | 44,491 | 0 | 0 | 0 | 44,491 | \$9,215,123 |
| 2020 | 1,445 | 0 | 43,046 | 0 | 0 | 0 | 43,046 | \$11,744,293 |
| 2021 | 6,155 | 832 | 37,723 | 0 | 0 | 0 | 37,723 | \$22,114,098 |
| 2022 | 4,683 | 482 | 33,522 | 0 | 0 | 0 | 33,522 | \$30,935,881 |
| 2023 | 3,144 | 482 | 30,861 | 0 | 0 | 0 | 30,861 | \$37,717,226 |
| 2024 | 2,039 | 539 | 29,361 | 0 | 0 | 0 | 29,361 | \$41,709,432 |
| 2025 | 2,577 | 538 | 27,322 | 0 | 0 | 0 | 27,322 | \$45,298,098 |
| 2026 | 2,956 | 344 | 24,710 | 0 | 0 | 0 | 24,710 | \$51,080,819 |
| 2027 | 3,068 | 1,033 | 22,676 | 0 | 0 | 0 | 22,676 | \$57,071,586 |
| 2028 | 1,896 | 1,665 | 22,445 | 0 | 0 | 0 | 22,445 | \$61,173,855 |
| 2029 | 893 | 525 | 22,077 | 0 | 0 | 0 | 22,077 | \$62,744,271 |
| 2030 | 2,448 | 964 | 20,594 | 0 | 0 | 0 | 20,594 | \$66,914,108 |
| 2031 | 712 | 531 | 20,412 | 0 | 0 | 0 | 20,412 | \$68,008,105 |
| 2032 | 752 | 531 | 20,191 | 0 | 0 | 0 | 20,191 | \$69,168,007 |
| 2033 | 6,698 | 531 | 14,024 | 0 | 0 | 0 | 14,024 | \$78,563,939 |
| 2034 | 575 | 1,076 | 14,526 | 0 | 0 | 0 | 14,526 | \$79,347,295 |
| 2035 | 0 | 2,260 | 16,786 | 0 | 0 | 0 | 16,786 | \$79,347,295 |
| 2036 | 0 | 1,148 | 17,934 | 0 | 0 | 0 | 17,934 | \$79,347,295 |
| 2037 | 8,374 | 574 | 10,134 | 0 | 0 | 0 | 10,134 | \$90,586,081 |
| 2038 | 265 | 574 | 10,443 | 0 | 0 | 0 | 10,443 | \$91,153,413 |
| 2039 | 0 | 574 | 11,018 | 0 | 0 | 0 | 11,018 | \$91,153,413 |
| 2040 | 259 | 574 | 11,333 | 0 | 0 | 0 | 11,333 | \$91,490,673 |
| 2041 | 0 | 280 | 11,612 | 0 | 0 | 0 | 11,612 | \$91,490,673 |
| 2042 | 242 | 0 | 11,370 | 0 | 0 | 0 | 11,370 | \$92,182,680 |
| 2043 | 0 | 280 | 11,650 | 0 | 0 | 0 | 11,650 | \$92,182,680 |
| 2044 | 203 | 0 | 11,447 | 0 | 0 | 0 | 11,447 | \$92,663,714 |
| 2045 | 5,400 | 0 | 6,048 | 0 | 0 | 0 | 6,048 | \$99,956,875 |
| 2046 | 91 | 0 | 5,957 | 0 | 0 | 0 | 5,957 | \$100,161,617 |
| 2047 | 132 | 0 | 5,825 | 0 | 0 | 0 | 5,825 | \$100,681,477 |
| 2048 | 0 | 0 | 5,825 | 0 | 0 | 0 | 5,825 | \$100,681,477 |
| 2049 | 19 | 0 | 5,806 | 0 | 0 | 0 | 5,806 | \$100,729,913 |
| 2050 | 0 | 0 | 5,806 | 0 | 0 | 0 | 5,806 | \$100,729,913 |