

Carbon Budget Corrections

The 2023-2026 Carbon budget is the first time that the City of Edmonton has developed a carbon budget. As with any new endeavor, process development and refinement are essential parts of developing a robust, fact based in scope assessment of the emissions impact of these profiles and packages.

Carbon accounting and budgeting provide a way to measure progress towards the GHG emission targets outlined in the Energy Transition Strategy. This first iteration of completing a carbon budget alongside financial budgets provided valuable learnings that will be incorporated into future processes. The focus of carbon accounting and budgeting will shift to developing a work and resource plan for continued expansion of the carbon accounting framework. This would include activities such as implementing carbon checks, assessing decision-making points and developing new quantification methodologies to start quantifying some projects that were not possible to quantify for the 2023-2026 Carbon Budget.

The following qualitative budget items been identified as having an error in assessment. Below is the updated version of the assessment.

| Service Package Name | CETS Action | Pathway | | | | 2026 GHG Emissions Impacts (tonnes CO ₂ e) | Enabling | Community /Corporate /Both | 2023-2026 Budget Request (\$000s) | Description of GHG Impacts |
|-------------------------------------|--------------------------|---------|---|---|---|---|---|----------------------------|-----------------------------------|--|
| | | 1 | 2 | 3 | 4 | | | | | |
| Operating | | | | | | | | | | |
| Heritage Valley Project Development | <input type="checkbox"/> | - | - | - |  | Not Quantified |  | Both | 447 | <p>This service package is funding for the design for a new recreation facility on previously undeveloped land. There is therefore significant uncertainty associated with the resultant direct emissions impacts. Facility is assumed to adhere to C627, and be constructed to emissions neutral standards and therefore not impact Pathway 2 emissions. Policy requires Solar PV to be integrated into facility to reach emissions neutral standard, which does not impact Pathway 1 emissions.</p> <p>Direct Emissions Impacts - Low: associated with the development of previously undeveloped lands.</p> <p>Enabling Emissions Impacts - Immaterial: associated with induced transportation to the site once completed.</p> |
| Capital | | | | | | | | | | |
| Terwillegar Towne Grade Level Seed | <input type="checkbox"/> | - | - |  |  | Not Quantified |  | Community | 835 | <p>This profile is for the design and delivery of base level development in Terwillegar Towne Community Park. The project includes new trails and paths decreasing pathway 3 emissions. New tree planting will decrease pathway 4 emissions. New amenities can induce more active travel, and enable emissions decreases.</p> <p>Direct Emissions Impacts - Immaterial: associated with new trails and trees.</p> <p>Enabling Emissions Impacts - Immaterial: associated potential to induce more active travel.</p> |