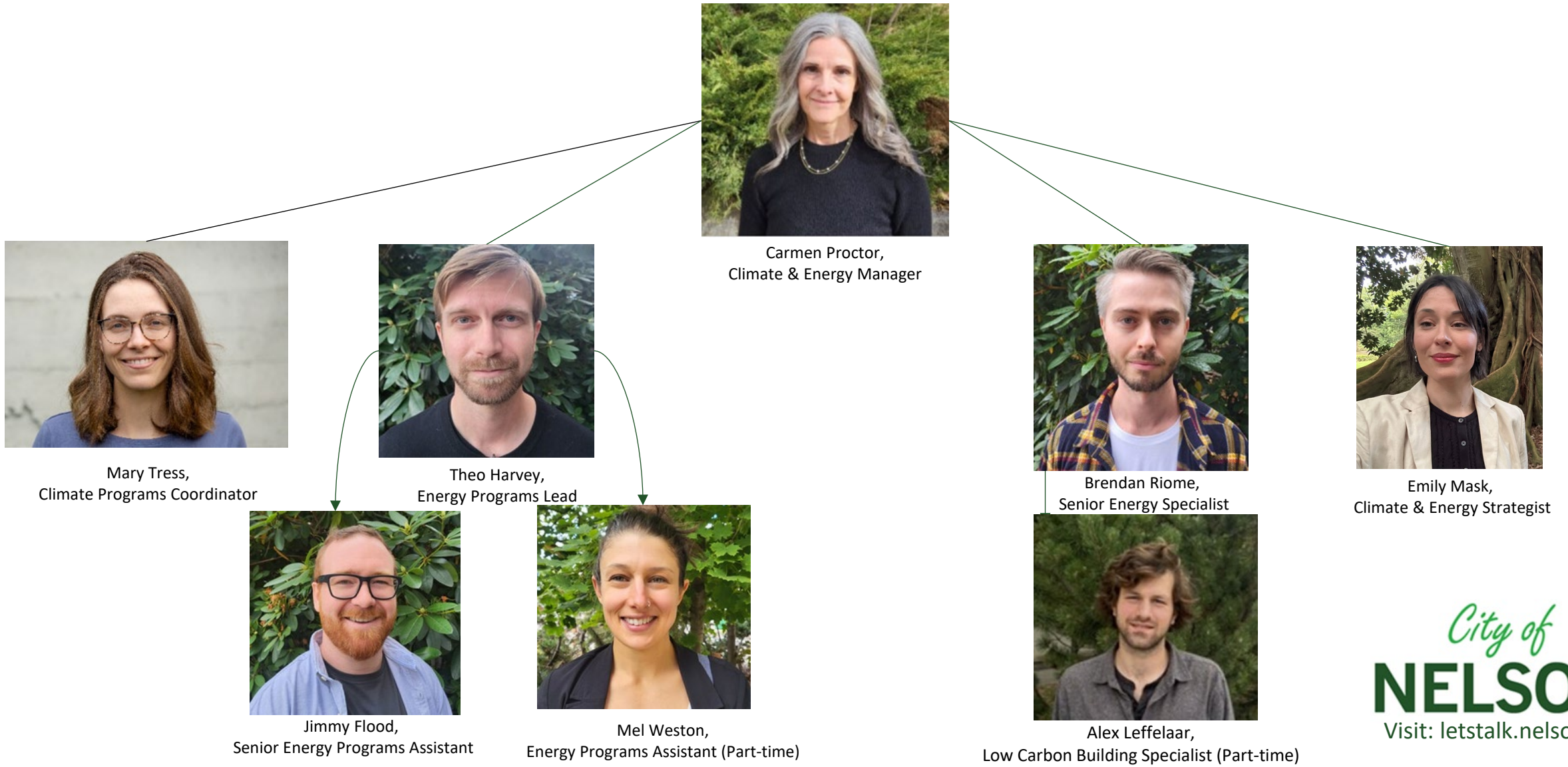


Climate & Energy

February 6, 2026



Department Overview





2025 Key Initiatives



*Emily Mask,
Climate & Energy
Strategist*

- **Grant Funding and Resourcing**
 - Applied for \$354,885 in external funding
 - Secured: \$174,885
 - Pending: \$250,000
- **Community and Interdepartmental Coordination**
 - Corporate: Smart Driver program, Interim Urban Forestry Plan, GIS Tree Inventory Mapping, Sustainable Procurement
 - Community: Earth Week, Go by Bike Week, WildSafeBC
- **Climate Reporting**
 - Climate Report Card
 - LGCAP/Grant reporting



2026 Key Initiatives



*Emily Mask,
Climate & Energy
Strategist*

- **Key Lead Projects**
 - EV Strategy
 - Urban Forestry
 - Water Conservation Program
- **Community and Interdepartmental Coordination**
 - Corporate: Fleet decarbonization, Sustainable Procurement, Corporate Active Transportation
 - Community: Electrification Event, Earth Week, Go by Bike Week, WildSafeBC, Micromobility
- **Grant Funding, Reporting and Resourcing**



2025 Key Initiatives



Brendan Riome,
Senior Energy Specialist

- **Utility Data Tracking and Modelling**
 - Completed an in-house energy, emissions and utility costs database
 - Tracked the impact of facilities projects through energy models
- **Project Implementation and Management**
 - Worked closely with the Facilities Manager in implementing facilities projects
 - Managed the installation of five EV chargers for the City fleet at the Public Works Yard
- **Strategic and Long-Term Planning**
 - Worked closely with Finance and Facilities in the development of a long-term facilities capital plan
 - Completed a Municipal Energy and Emissions Plan that will inform future work in fleet and facilities



2026 Key Initiatives



Brendan Riome,
Senior Energy Specialist

- **Data Tracking and Modelling: Quantifying Energy Efficiency Improvements**
 - Further optimize data tracking and modelling
- **Project Implementation: Facilities Improvements**
 - Continue to work closely with the Facilities team to identify and deliver projects
- **Facilities Capital Plan**
 - Work on the continued development of a long-term capital plan for facilities



2025 Key Initiatives



Alex Leffelaar,
*Low-Carbon Building
Specialist*

- **Kootenay Construction - Material Impact Guide**
 - Scheduled for release this February
 - Highlights locally manufactured materials
 - Supports side-by-side cost and embodied emission comparisons
- **Construction Demo & Reno – Waste Diversion Pilot (w RDCK)**
 - Scheduled to launch this Spring
 - Diverting window glass & drywall for recycling
- **Part 3 Building Research and Policy**
 - New Developments required to provide Life Cycle Assessments
 - 2nd municipality in Canada to require
 - Helping build local capacity in advance of code
 - Developing Case Studies to support



2026 Key Initiatives



Alex Leffelaar,
*Low-Carbon Building
Specialist*

- **Affordable Housing Study**

- Investigating strategies to align lifecycle cost & emissions
- Supporting local architects & societies (Cares, SHARE), and;
- Provincial organizations (BC Housing, BC Non-Profit Housing Association)

- **Study on Lifecycle Impacts of Home HVAC Systems**

- Lifecycle impacts of mechanical systems widely unknown (refrigerants, etc.)
- Research needed to help inform industry, policy, incentive programs

- **Low Carbon Concrete**

- Concrete contributes heavily to embodied carbon (~8% global emissions)
- Public exhibition project to promote awareness
- Support local capacity and uptake, maintain momentum
- Align local industry with national progress

Operating Budget

	2025 Budget	2026 Budget	\$ Change	% Change
Conditional Grants	1,106,028	1,122,811	16,783	2%
Total Revenue	1,106,028	1,122,811	16,783	2%
Salary & Benefits	657,540	681,844	24,304	4%
Supplies & Services	448,488	440,967	- 7,521	-2%
Total Expenses	1,106,028	1,122,811	16,783	2%
Net Operating Costs	-	-	-	0%

** Conditional Grants include funding from FortisBC, LGCAP, and Homesave (previously know as Regional Energy Efficiency Program (REEP))*

An aerial photograph of the city of Nelson, British Columbia, Canada. The city is nestled in a valley, surrounded by dense green forests. In the background, a large, steep mountain rises, also covered in forest. To the right, a body of water (likely a lake or reservoir) is visible, with a road and some buildings along its shore. The foreground shows residential areas with houses and trees. The overall scene is bright and sunny, with clear skies.

Thank you.

City of
NELSON