



2018 CLIMATE ACTION PLAN REPORT

On November 2, 2016 the District of Stewart signed the B.C. Climate Action Charter becoming one of over 180 local governments across B.C. who have partnered with the Province of B.C. and the Union of BC Municipalities to find ways to tackle the challenges posed by climate change, pledging to take action to significantly cut both corporate and community-wide greenhouse gas emissions.

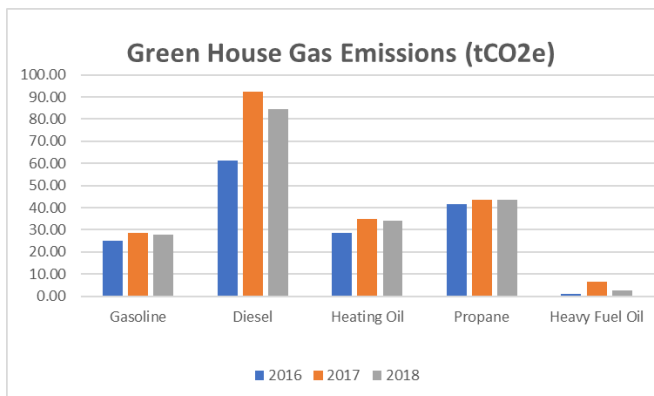
Respecting and protecting the environment continues to be a vital part of the vision for Stewart's future and forms a significant element of the Official Community Plan in areas of land use planning and community development.

Climate Action Revenue Incentive Program (CARIP)

CARIP is a conditional grant program that provides funding to BC Climate Action Charter signatories equivalent to one hundred percent of the carbon taxes they pay directly. This funding supports local governments in their efforts to reduce greenhouse gas emissions and move forward on achieving their Charter goals.

By the Numbers:

In 2018 the District of Stewart used 86,019 litres of fuel for operating equipment and heating buildings. The carbon tax paid in 2018 that will be reimbursed as a grant is \$6,180. Council supports further programs to reduce green house gases and has set aside the grant funds to be used to fund programs.



Green House Gas Emissions are measured in tonnes of carbon dioxide (CO₂).

Total GHG emission levels generated by the District in 2018 was 198.4 (2017 - 200.2) tonnes. This is a decrease of 1.8 tonnes from the prior year. The decrease can be attributed to the purchase of the new plow truck purchased in 2017 which is "Certified Clean Idle" and that the oil furnace in the public works shop was replaced with an electric one.

The District is exploring options to further decrease our emissions by retrofitting buildings to be more energy efficient and replacing oil furnaces with electric.



2018 Achievements

Community:

- Closure of the landfill was started and a diversion centre was opened to receive recyclables.
- A Polystyrene Reduction Program was introduced in order to encourage businesses to reduce the use of Styrofoam products.
- 32 trees were planted, and the Community Garden continues to be supported
- The Clean Water and Wastewater project was undertaken to improve the efficiency of the sewer lines and lift stations and reduce the excess water in the system.
- An Avalanche Risk Assessment was started in order to identify risks that impact the community and update data that may have changed due to climate change.
- The dike was improved by raising the height and strengthening the integrity to protect the community from flooding.
- Emergency preparedness planning was implemented in order to ensure that the community is prepared for a variety of risk factors such as floods, avalanches and tsunamis.

District Operations:

- The oil furnace in the public works shop was replaced with a new electric furnace.
- A new Fire Rescue truck was purchased with is Certified Clean Idle

2019 Goals

The primary goals for 2019 will be to:

- Maintain a Climate Action Plan Committee to advise Council on specific strategies to reduce greenhouse gas emissions and set a realistic goal for reducing GHG emissions and become a carbon neutral community;
- Complete the landfill closure and improve recycling with a fully operational transfer station operated by the Regional District of Kitimat-Stikine;
- Installation of a charging station for electric vehicles;
- Retrofit the administration building to improve insulation for efficiency of heating and cooling and replace the oil furnace with a new high efficiency electric furnace;
- Implement the Love Norther BC program to encourage residents to shop local and reduce fuel usage from shopping out of town;
- Completion of the Avalanche Risk Assessment and address high risk zones in land use planning.
- Replace seasonal street lighting with new, more efficient, type;
- Hire a groundskeeper to better maintain parks and trails;
- Purchase a new garbage truck which is Certified Clean Idle;
- Encourage walking and cycling by replacing sidewalks and keeping streets cleaner;
- Continue emergency preparedness by developing evacuation routes for various scenarios and caching supplies along the routes.

**For more information on the Climate Action Charter
visit our website www.districtofstewart.com or
<http://www.cscd.gov.bc.ca/lgd/greencommunities/>**

