



Climate Action Revenue Incentive Program

May 2020



What is CARIP

- ▶ Climate Action Revenue Incentive Program
- ▶ Grant equal to 100% of the carbon taxes paid
 - ▶ Applying for \$354,090
 - ▶ Funds placed in City's Ro11-Energy Management Rebate Fund

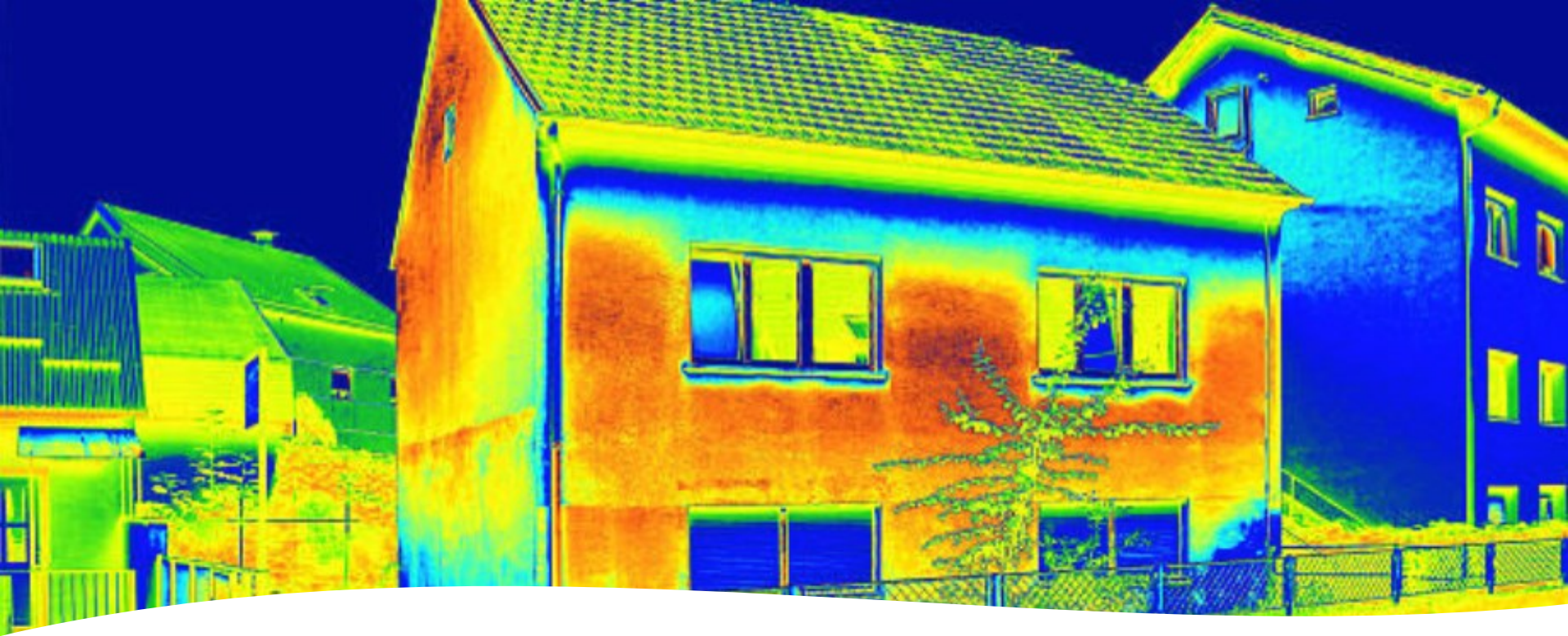
Climate Action Revenue Incentive Program (CARIP)

PROGRAM GUIDE - 2019



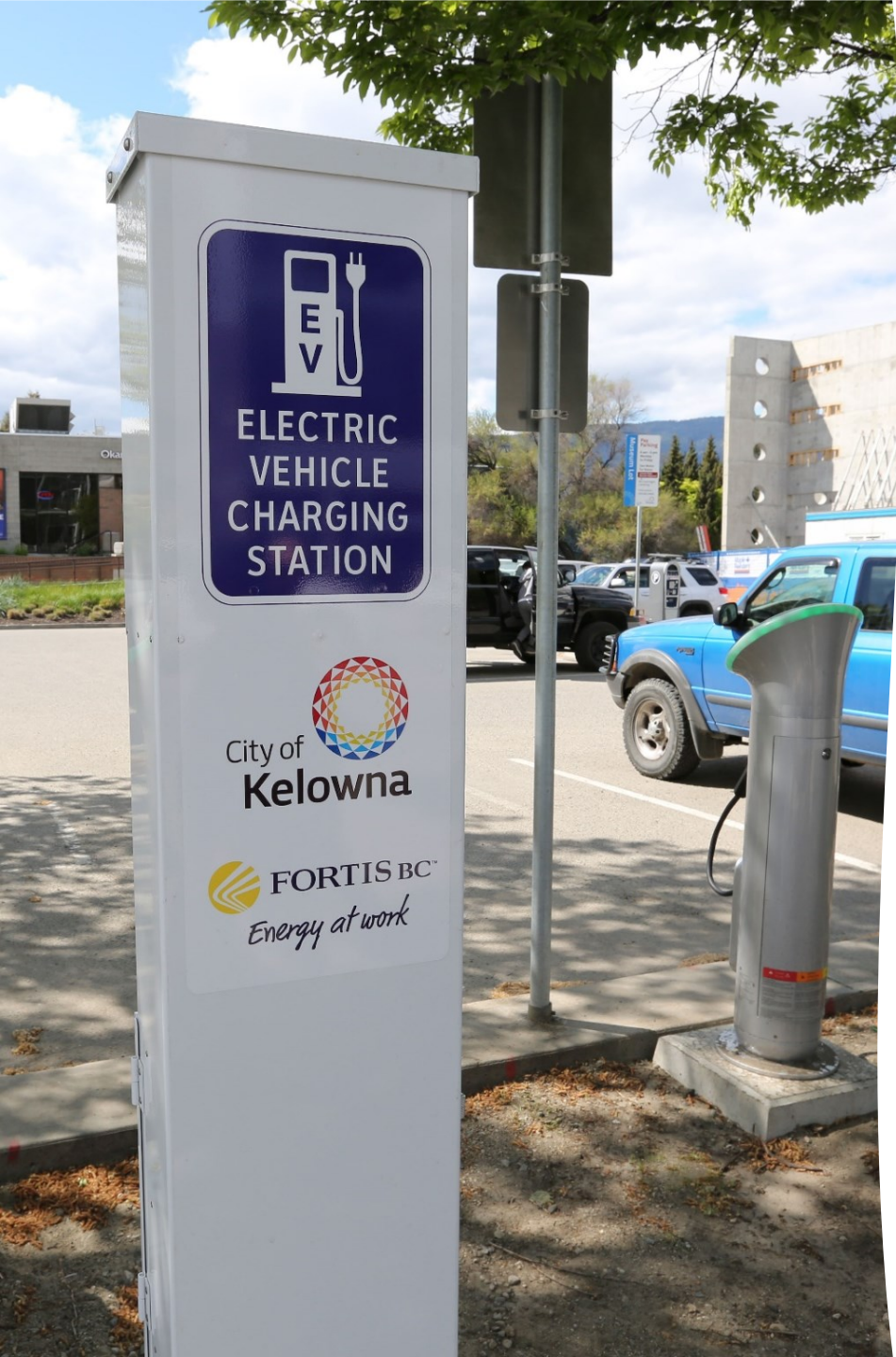
January 2020





2019 Community Highlights

- ▶ 2040 Growth Strategy endorsed
- ▶ See the Heat thermal imaging campaign
- ▶ Energy Step Code for Par 9 buildings
- ▶ LiDAR tree canopy coverage analysis



2019 Community Highlights

- ▶ 2.7 km active transportation network expansion
- ▶ 4 Level 3 DC Fast Chargers
- ▶ Irrigation controller and rain sensor rebate program
- ▶ 6,762 m² of riparian restoration through development process
- ▶ Reuse and reduce events

Climate projections



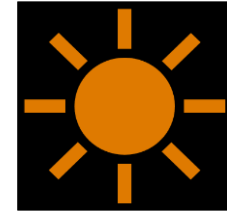
Warmer
temperatures



Drier
summers



Longer
growing
season



Warmer
winters



More
precipitation



Shifting
Seasons



2019 Climate Adaptation Highlights

- ▶ Amended Bylaw 7900 to incorporate climate change standard
- ▶ Fuel modification at Knox Mountain Park
- ▶ Removed 600 trees to increase Mill Creek channel capacity (replaced with 900)
- ▶ Initiated Area Based Water Management Plan



Corporate Emission Sources

- ▶ Civic facilities
- ▶ Outdoor lighting
- ▶ Water and wastewater treatment
- ▶ Vehicle fleet

2019 Corporate Emissions

- ▶ Emissions up from 2018
- ▶ Past emissions under reported
- ▶ Historical data will be reconciled so trend can be analyzed

7,931
tonnes CO₂e
(equivalent to CO₂ produced by
1500 cars in one year)



2019 Corporate Highlights

- ▶ LED lighting upgrades
- ▶ Pump replacement and optimization at WWTF
- ▶ High efficiency boilers at City Hall
- ▶ H₂O energy efficiency study
- ▶ 3 EV fleet vehicles
- ▶ 38 million liter reduction in water use at parks



Questions?

For more information, visit kelowna.ca.